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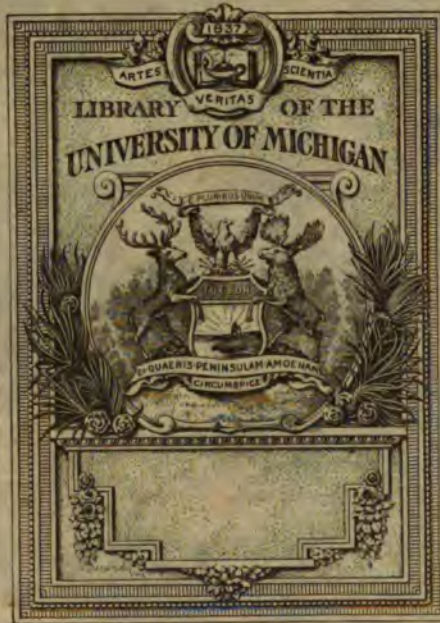
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THIRTY-FIRST ANNUAL REPORT
OF THE
CINCINNATI
CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE,
FOR THE
COMMERCIAL YEAR ENDING AUGUST 31, 1879.

CINCINNATI:
GAZETTE COMPANY, PRINTERS AND PUBLISHERS, CORNER SIXTH AND VINE.

MDCCCLXXIX.

just
Wm. H. Sears

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For the convenience of Members this List is revised to the time of going to Press.

DECEMBER 20, 1879.

[FOR LIST OF INDIVIDUAL MEMBERS, SEE PAGE 245.]

| Style of Firm. | Members. | Style of Business. |
|------------------------------|--------------------------|--------------------------------|
| Anderegg & Roth..... | { John Anderegg..... } | Pork and Beef Packers. |
| Armel William J..... | { John C. Roth..... } | Pork Packer. |
| Andrew, P., & Co..... | { Peter Andrew..... } | Commission. |
| Adam, Henry..... | { Frank Andrew..... } | |
| Addy, Matthew, & Co..... | { Charles Andrew..... } | Maltster. |
| Armstrong, A. E..... | { Matthew Addy..... } | Pig Iron and Iron Ore. |
| Anchor White Lead Co..... | { H. M. Warren..... } | Flour and Commission. |
| American Burial Case Co..... | { A. T. Goshorn..... } | President. |
| Allen, Rice & Co..... | { E. C. Goshorn..... } | Secretary. |
| Allen & Ellis..... | { Theodore Cook..... } | President. |
| Aug, Jacob..... | { Thomas Z. Riley..... } | Secretary and Treasurer. |
| Anderson, N. I..... | { Joseph Allen..... } | Live Stock and Commission. |
| Anderson, Larz..... | { Charles F. Rice..... } | |
| Arleth, Ernst..... | { C. W. Allen..... } | Tobacco Manufacturers. |
| Austin, O. P..... | { A. D. Ellis..... } | Restaurant. |
| | | Capitalist. |
| | | Capitalist. |
| | | Distiller. |
| | | Reporter, Cincinnati Enquirer. |

BANKS AND BANKERS.

| Name. | Represented by | |
|---------------------------|----------------------------|--------------------|
| First National Bank..... | { L. B. Harrison..... } | President. |
| | { Theodore Stanwood..... } | Cashier. |
| Third National Bank..... | { G. P. Griffith..... } | Cashier. |
| | { Ammi Baldwin..... } | Assistant Cashier. |
| Fourth National Bank..... | { M. M. White..... } | President. |
| | { H. P. Cooke..... } | Cashier. |

BANKS AND BANKERS—Continued.

| Name. | Represented by | |
|---|--------------------------|-----------------|
| Merchants' National Bank..... | { D. J. Fallis..... | President. |
| | { H. C. Yergason..... | Cashier. |
| Commercial Bank..... | { Charles B. Foote..... | President. |
| | { William N. King..... | Cashier. |
| Franklin Bank..... | { B. F. Brannan..... | President. |
| | { John Kilgour..... | Vice-President. |
| German Banking Co..... | { A. Pfirrmann..... | President. |
| | { Charles Rice..... | Cashier. |
| Espy, Heidelberg & Co..... | { James Espy..... | |
| | { Philip Heidelberg..... | |
| Larkin, Jos. F., & Co..... | { Joseph F. Larkin..... | |
| | { Edgar Stark..... | |
| Seasongood, Sons & Co..... | { A. J. Seasongood..... | |
| | { Lewis Seasongood..... | |
| Hughes, H. W., & Co..... | { H. W. Hughes..... | |
| | { Augustus Wessel..... | |
| Kuhn, S., & Sons..... | { Samuel Kuhn..... | |
| | { Louis Kuhn..... | |
| Second National Bank..... | { Robert Brown, Sr..... | Vice-President. |
| | { S. S. Rowe..... | Cashier. |
| National Lafayette and Bank of Commerce..... | { W. A. Goodman..... | President. |
| | { Henry Peachey..... | Vice-President. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|----------------------------------|---|----------------------------------|
| Breneman, Henry H..... | Camargo Manufacturing Co... | Paper Hangings, etc. |
| Bullock, W. R., & Co..... | W. R. Bullock..... | Commission. |
| Bogen, George, Jr..... | | Provision Broker. |
| Butchers' Melting Association... | { M. Hoffman, Jr., <i>President</i> ... } | |
| | { Henry Nicolay, <i>Secretary</i> ... } | |
| Banning, J. W., & Co..... | { J. W. Banning..... } | Commission, Butter and Cheese. |
| | { Myron Banning..... } | |
| Burckhardt & Co..... | { Fred. Burckhardt..... } | Oils and Commission. |
| Bramble, A. L..... | | Live Stock. |
| Block, Elias, & Sons..... | { Elias Block..... } | |
| | { Louis Block..... } | |
| | { Samuel Block..... } | |
| | { Edward J. Mack..... } | Liquors, Distillers. |
| Buenning, Anton..... | | Flour. |
| Bard, S. W..... | | Coal. |
| Benninger, Jacob, Jr..... | | Pork Packer. |
| Baird, James A., & Co..... | { James A. Baird..... } | Commission, Produce. |
| | { Albert B. Baird..... } | |
| Boecke, Edward..... | | Maltster. |
| Bernard, N. L..... | | Commission. |
| Bennett, Charles H..... | | Flour. |
| Bemis, W. B., & Co..... | { W. B. Bemis..... } | Commission. |
| | { A. D. Bullock..... } | |
| Bullock, A. D., & Co..... | { Henry Lewis..... } | Wool and Hair. |
| | { P. R. Mitchell..... } | |
| | { R. M. Bishop..... } | |
| Bishop, R. M., & Co..... | { W. T. Bishop..... } | Wholesale Grocers. |
| | { R. H. Bishop..... } | |
| | { J. A. Bishop..... } | |
| Burton, S. H..... | | |
| Bare, M., & Co..... | { Martin Bare..... } | Commission, Sheetting, Bags, &c. |
| | { William C. Bare..... } | |
| | { George W. Ward..... } | |
| Brandt, A. R..... | | Commission, Liquors. |
| Blinn, George A..... | | Commission. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|--|--|--|
| Bradstreet Co..... | Levi C. Goodale, <i>Superintendent</i> | Mercantile Agency. |
| Boyle, John..... | | Contractor. |
| Britton & Co..... | { Orson Britton..... | Commission, Grain. |
| | { Orson Britton, Jr..... | |
| | { E. A. Hutchinson, <i>Gen'l Agt.</i> | |
| Belfont Iron Works Co., of Iron- ton, Ohio..... | | |
| Bruckmann, John C..... | | Brewer. |
| Banning, David..... | | |
| Buchanan, A., & Co..... | { Alfred Buchanan..... | Coal and Coke. |
| | { Oliver Perin..... | |
| Board of Trade Telegraph Co.... | J. C. Clegg, <i>Manager</i> | |
| Bennett & Blair..... | { Edward D. Bennett..... | Bakers. |
| | { Wm. H. Blair..... | President. |
| | { J. W. Dunklee..... | Secretary. |
| | { A. G. Corre..... | Live Stock Broker. |
| Burnet House..... | | |
| Birt, William..... | | |
| Brown, J. R., & Co..... | { Joseph R. Brown..... | Commission, Flour, Grain, etc. |
| | { Charles A. Brown..... | |
| Benedict, John B..... | | Pork Packer. |
| Byrne, Peter..... | | Commission, Grain. |
| Bacon, George M..... | | Commission, Grain. |
| Blackmore & Kinsey..... | { Dawson Blackmore..... | Commission. |
| | { Frank Kinsey..... | |
| Bradford, Thomas, & Co..... | Robert W. Bradford..... | Mill Furnishers. |
| | { Richard Beresford..... | Pork Packers. |
| | { H. L. Breneman..... | |
| | { Joseph C. Thoms..... | |
| Beresford & Co..... | R. W. Buchanan..... | Commission. |
| | { W. C. Buchanan..... | |
| Buchanan & Co..... | | |
| Bell, John E..... | | |
| Bishop & Spear..... | { Roly P. Bishop..... | Commission. |
| | { George B. Spear..... | |
| Bishop, Chas. H., & Co..... | Charles H. Bishop..... | Commission. |
| Bryan, W. H., & Winans..... | { W. H. Bryan..... | Commission. |
| | { B. L. Winans..... | |
| Bedinger, B. F..... | | Commission. |
| Bradford & Smith..... | { James W. Bradford..... | Millers. |
| | { Theodore Smith..... | |
| Brenner, John..... | | Maltster. |
| Burnham, Victor..... | | Painter and Wall Paper. |
| Bunten, Clinton..... | | Builder and Contractor. |
| | | |
| Cunningham, Curtis & Co..... | { J. H. Cunningham..... | Pork Packers. |
| | { Wm. B. Oglesby..... | |
| | { Nicholas Curtis..... | |
| Coney, Martin R..... | | Feed Store, Groceries, Lime and Cement. |
| Crane, James C., & Co..... | James C. Crane..... | Pork Packers. |
| Cunningham & Son..... | Elmore W. Cunningham..... | Pork Packers. |
| Clark, A. R., & Co..... | { Alex. R. Clark..... | Wholesale Grocers. |
| | { J. C. Kerr..... | |
| | { John W. Christy..... | |
| Christy, Cobb, & Co..... | W. H. Cobb..... | I. & C. Elevator. |
| | { H. N. Christy..... | |
| | { W. H. Chatfield..... | |
| Chatfield & Woods..... | Wm. Woods..... | Paper Manufacturers. |
| | { John S. Woods..... | |
| Cresap, Robert J..... | | Real Estate Broker. |
| Cincinnati Cotton Press Co..... | E. C. Bush, <i>Sup't.</i> | |
| Cochran, Lyman & Co..... | { Thomas J. Cochran..... | Commission, Oils. |
| | { R. H. Lyman..... | |
| | { Martin H. Crane..... | |
| Crane, Breed & Co..... | Abel D. Breed..... | Manufacturers of Burial Cases. |
| | { William J. Breed..... | |
| | { G. Thompson, <i>Sup't.</i> | |
| Cincinnati Fertilizer Co..... | G. D. Martin, <i>Sec'y</i> | |

- NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|---|--|--------------------------------|
| Cincinnati Commercial..... | { Murat Halstead..... } { C. D. Millar..... } | Publishers. |
| Cincinnati Enquirer..... | { James J. Faran..... } { John R. McLean..... } | Publishers. |
| Cincinnati Gazette..... | { Richard Smith, <i>Pres't</i> } { Charles Stevens, <i>Reporter</i> } | |
| Cincinnati Price Current & Commercial Review..... | { Charles B. Murray..... } | Publisher. |
| Cincinnati Daily Times..... | { Charles P. Taft, <i>Pres't</i> } { H. P. Boyden, <i>Sec'y</i> } | |
| Cincinnati Volksblatt..... | { F. Hassaurek, <i>Pres't</i> } { L. Markbreit, <i>Sec'y</i> } | Publishers. |
| Cincinnati Volksfreund..... | { Henry Haacke..... } | Publisher. |
| Cincinnati Ice Company..... | { James Cullen, <i>Sec'y</i> } { Charles B. Russell, <i>Treas.</i> } | |
| Cunningham, J. F., & Co..... | { J. F. Cunningham..... } | Pork Packers. |
| Collord, Morrison & Co..... | { N. B. Collord..... } { Robert Morrison..... } { C. Flamm..... } | Commission, Produce. |
| Caldwell, Nathaniel..... | | City Commissioner. |
| Cincinnati Gas Light & Coke Co. | { A. Hickenlooper, <i>Pres't</i> } { Robt. Brown, Jr., <i>Sec'y</i> } | |
| Cincinnati Cooperage Co..... | { Thomas Guff, <i>Pres't</i> } { Henry DeBus, <i>Sec'y</i> } | Cooperage. |
| Cincinnati Elevator Co..... | { R. Macready, <i>Pres't</i> } { H. Chisman, <i>Sup't</i> } | |
| Cincinnati Daily Star..... | { B. B. Stewart..... } { L. A. Leonard..... } | Publishers. |
| Collier, Budd & Co..... | { J. B. Sneathen..... } { Peter R. Budd..... } { Thomas B. Collier..... } { B. F. Wilson..... } | Coal Dealers. |
| Cachard, F. C., & Co..... | { Frank C. Cachard..... } | Flour, Commission. |
| Collins, Val. P..... | { George Nuezel..... } | Coal Dealer. |
| Chipman, W. D..... | | Commission, Flour, Grain, etc. |
| Church, John, & Co..... | { John Church, Jr..... } { John B. Trevor..... } | Music and Musical Instruments. |
| Campbell's Creek Coal Co..... | { Stephen F. Dana, <i>Agent</i> } | |
| Cincinnati Coal and Coke Co..... | { Alex. Montgomery, <i>Pres't</i> } { H. E. Collins, <i>Vice-Pres't</i> } { H. G. Hengebold, <i>Treas.</i> } | |
| Consolidated Coal & Mining Co..... | { William Clark, <i>Sup't</i> } { Richard Folsom, <i>Sec'y</i> } | |
| Colter Packing Co..... | { A. A. Colter, <i>Proprietor</i> } | |
| Carr, J. W., & Son..... | { J. W. Carr..... } { W. B. Carr..... } | Commission, Flour and Grain. |
| Clarkson, A. E..... | | Liquors. |
| Covington & Cincinnati Bridge Co | { Amos Shinkle..... } { A. H. Bugher..... } | President. |
| City & Suburban Telegraph Association..... | { W. H. Eckert..... } { R. T. McComas..... } | Secretary. |
| Crail & Whitaker..... | { Ervin Crail..... } { Isaac R. Whitaker..... } | Manager. |
| Case, R., & C. G..... | { Reed Case..... } { Charles G. Case..... } | Coal. |
| Conklin & Lepper..... | { Andrew C. Conklin..... } { Adam Lepper..... } | Commission, Grain, etc. |
| Cincinnati Abattoir and Warehouse Co..... | { Henry Lewis, <i>Pres't</i> } { R. A. Simis, <i>Sup't</i> } | Note Brokers. |
| Cotteral, J. W., & Co..... | { Joseph W. Cotteral..... } { Joseph W. Cotteral, Jr..... } | |
| Cincinnati Packing Co..... | { George Wilshire, <i>Vice-Pres't</i> } { Truman B. Handy, <i>Manager</i> } | Contractors and Builders. |
| Crescent Brewing Co..... | { William E. Gieson..... } { Samuel D. Langtree..... } | Pork Packers. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|----------------------------------|---|-------------------------------|
| Canal Flour & Feed Mill Co..... | { Albert G. Woods..... R. H. Warder..... Aaron G. Gano..... Richard H. Cost..... Charles N. Arnet..... Joseph F. Cost..... } | Flour and Grain Commission. |
| Cost, R. H., & Co..... | | |
| Duckworth, George K..... | ..... | Distiller. |
| Dodsworth, Caleb..... | ..... | Distiller. |
| Dorman, J. C., & Co..... | J. C. Dorman..... | Steamboat Agents. |
| Doll, Charles, & Co..... | { Charles Doll..... Conrad Diss..... William Heffron..... John Dorsel..... Frank Wulftange..... Jacob DeBoor..... O. Von Bargaen..... J. A. Scarlett, <i>Manager</i> Wm. W. Scarlett, <i>Asst. Mang'r</i> } | Teamsters. |
| Dorsel & Wulftange..... | | Distillers. |
| DeBoor & Von Bargaen..... | | Commission. |
| Dun, R. G., & Co..... | | Mercantile Agency. |
| Dehler, Emil..... | ..... | Flour. |
| Deglow & Bausch..... | { H. R. Deglow..... John Bausch..... } | Millers. |
| Dumont, C. T..... | ..... | Steam Engines. |
| Dexter, Julius..... | ..... |  |
| Davis, Wm. H., & Co..... | Wm. H. Davis..... | Pork Packers. |
| Dayton, L. M..... | ..... | Bolt and Nut Works. |
| Davis, Charles, & Co..... | { Charles Davis..... B. Frank Davis..... George F. Davis..... George F. Davis, Jr..... Samuel Davis, Jr..... Wm. Henry Davis..... } | Pork Packers. |
| Davis, George F., & Co..... | | Pork Packers. |
| Davis, S., Jr. & Co..... | | Pork Packers. |
| Dominick, Wm. H..... | ..... | Pork and Beef Packer. |
| Davis, W. W..... | ..... | Pork Packer. |
| Dunlap, Robert E..... | ..... | Note and Stock Broker. |
| Droste & Kuhn..... | { Charles F. Droste..... William Kuhn..... } | Carr Street Grain Elevator. |
| Day, Ebenezer..... | ..... | Provision Inspector & Dealer. |
| Davis, Joshua..... | ..... | Beef Packer. |
| DeBus & Hauser..... | { Henry DeBus..... Stephen Hauser..... Henry Dietz..... Louis C. Schuetze..... } | Tubs and Tanks. |
| Dietz, H., & Co..... | | Beef and Pork Packers. |
| Drake, Simeon N..... | ..... | Iron Cotton Ties. |
| Eustis, George, & Co..... | George Eustis..... | Note and Money Brokers. |
| Eckstein, Hills & Co..... | Fred. F. Eckstein..... | White Lead Manufacturers |
| Evans, Lippincott & Cunningham | { Benjamin F. Evans..... William J. Lippincott..... Briggs S. Cunningham..... Benj. Evans..... Thomas J. Emery..... J. J. Emery..... } | Pork Packers. |
| Evans Brothers..... | | Pork Packers. |
| Emery's, Thomas, Sons..... | | Candles and Oil. |
| Erkenbrecher, Andrew..... | ..... | Starch Manufacturer. |
| Evans & Kinney..... | { Seth Evans..... J. N. Kinney..... John Carlisle, <i>Treas.</i> G. H. Burroughs, <i>Sec'y</i> } | Pork Packers. |
| Evans, C. B., Mantle & Grate Co. | ..... |  |
| Esberg, James..... | ..... | Brighton Transfer Co. |
| Eckert, Howard, & Co..... | Howard Eckert..... | Commission. |
| Epply, William H..... | ..... | Commission. |
| Ellis, Henry..... | ..... |  |
| Elstner, Joseph..... | ..... | Commission. |
| Evans, Jason, & Co..... | William Pine..... | Pork Packers. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|-----------------------------------|---|----------------------------|
| Foster, John B. .... | ..... | Commission Live Stock. |
| Fischer, A., & Co. | { Albert Fischer..... George S. Horner..... | Canned Fruits. |
| Fisher, J. W., & Co. | { J. W. Fisher..... Albert D. Fisher..... Charles Fleischmann..... | Grain, Commission. |
| Fleischmann & Co. | { James W. Gaff..... M. Fleischmann..... | Distillers. |
| Fort, Sadler & Co. | { J. W. Fort..... L. L. Sadler..... | Live Stock and Commission. |
| Frazer, Abner L., & Co. | { Abner L. Frazer..... J. F. Heitmeyer..... S. L. Frazer..... | Wholesale Grocers. |
| Fieber, Joseph..... | ..... | Pork Packer. |
| Freiberg & Workum..... | { Julius Freiberg..... L. J. Workum..... | Liquors. |
| Fagin, M. H., & Co. | Morgan H. Fagin..... | Flour. |
| Fagin's, Lewis, Sons..... | { Theodore Fagin..... Jos. H. Fagin..... | Millers. |
| Farrelly, O. B. .... | ..... | Pork Packer. |
| Foster, Thomas..... | ..... | Grocer. |
| Field, R. B. .... | ..... | Baker. |
| Fox & Thomas..... | { Charles N. Fox..... Alfred C. Thomas..... | Commission, Grain. |
| Frietsch, S., & Co. | Sigmund Frietsch..... | Pork Packers. |
| Forbus, M. S. .... | ..... | Provision, Commission. |
| Fueller, Fred..... | ..... | Maltster. |
| Flemming, R. H. .... | ..... | Freight Transfer. |
| Fechheimer, Frenkel & Co. | { Marcus Fechheimer..... Jacob Frenkel..... L. S. Fechheimer..... | Wholesale Clothing. |
| Fairbanks, Morse & Co. | J. M. D. Robb, <i>Manager</i> | Scales. |
| Fox, George, Starch M'fg Co. | { Geo. Fox, <i>Pres't</i> William Galway, <i>Sec'y</i> C. W. Friend, <i>Pres't</i> Thomas Fox, <i>Vice-Pres't</i> Geo. B. Fox, <i>Sec'y</i> | Starch Manufacturers. |
| Friend & Fox Paper Co. .... | ..... | ..... |
| Foot, James H. .... | ..... | Whisky. |
| Gilmour & Sons..... | { J. D. Gilmour..... H. C. Gilmour..... J. M. Gilmour..... | Proprietors, Grand Hotel. |
| Geffroy & Gibson..... | { Oliver H. Geffroy..... William Gibson..... | Proprietors, Gibson House. |
| Good, Joseph..... | ..... | Commission. |
| Gest, Joseph J. .... | ..... | Miami Oil and Soap Works. |
| Grote, C., & Co. | C. Grote..... | Commission. |
| Gaff, James W., & Co. | { James W. Gaff..... Oliver Perin..... Thomas Gaff..... | Distillers. |
| Gaff, T. & J. W., & Co. | { James W. Gaff..... Henry W. Smith..... Edward Gilmore..... | Distillers. |
| Gilmore & Cordukes..... | { Jonathan Cordukes..... Henry Giebel..... | Pork Packers. |
| Giebel, Hahn & Co. | { F. A. Hahn..... Herman Goepper..... | Commission. |
| Goepper, Herman, & Co. | { Edward Goepper..... Joseph Kinsey, <i>Pres't</i> J. L. Boyer, <i>Sec'y</i> | Brewers' Supplies. |
| Globe Rolling Mill..... | ..... | ..... |
| Gray, George S. .... | ..... | Pork Packer. |
| Glenn, William, & Sons..... | { William Glenn..... James M. Glenn..... Richard Dymond..... | Wholesale Grocers. |
| Garrison's, D. L., Son..... | Walter R. Garrison..... | Provision Broker. |
| Grossius, John..... | ..... | Stoves, Furnaces, etc. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|------------------------------|---|------------------------------|
| Greene, Huddleston & Co..... | { Benjamin F. Greene..... Thomas F. Huddleston..... Charles R. Hubbard..... } | Live Stock Brokers. |
| Greenwald & Schott..... | { Erza E. Greenwald..... Christopher Schott..... } | Flour, Meal and Feed. |
| Grasselli, E., & Co..... | { Eugene Grasselli..... Daniel Bailey..... } | Chemical Laboratory. |
| Grant & Pratt..... | { Edward S. Grant..... Julius H. Pratt..... } | Provision Brokers. |
| Geisendorff, Harry..... | | Commission, Flour. |
| Gilpin, W. H..... | | Flour Dealer. |
| Gould, Pearce & Co..... | { C. H. Gould..... Henry Pearce..... Julius H. Goodhart..... } | Cotton Manufacturers. |
| Goodhart, J. H., & Co..... | { Lewis Heinsheimer..... George Seeman..... } | Cotton and Commission. |
| Gilpin, Thomas, & Co..... | { Thomas Gilpin..... Charles E. McCammon..... } | Lumber Dealers. |
| Greene, C. L., & Co..... | { C. Leslie Greene..... Charles C. Carpenter..... } | Cotton and Commission. |
| Gaff, John, & Co..... | { John Gaff..... } | Produce Commission. |
| Grace, Charles C..... | | Provision Broker. |
| Greenwald, I. & E..... | { Isaac Greenwald..... Ezra Greenwald..... } | Foundry and Machinists. |
| Graves & Bramlage..... | { Benjamin O. Graves..... Clemens H. Bramlage..... } | Flour and Feed. |
| Grubb & Hart..... | { John Grubb..... James Hart..... } | Pork Packers. |
| Groshell, Charles..... | | Feed Store. |
| Gordon, James..... | | Miller. |
| Gay, James P..... | | Roofing Pitch Manufacturer. |
| Gambrinus Stock Co..... | { Christian Boss, <i>Pres't</i> John Schneider, <i>Vice-Pres't.</i> } | Brewers. |
| Gosling, John W..... | | Carriage Manufacturer. |
| Gilmore, James..... | | Capitalist. |
| Gale Brothers..... | { Burtis W. Gale..... Joseph P. Gale..... } | Flour Commission. |
| Gould, John C..... | | Broker. |
| Goettle, Emil..... | | Provision Broker. |
| Gainsford, A., & Co..... | { Arthur Gainsford..... } | Coal Dealers. |
| Guckenberger, George..... | | Flour and Feed. |
| Hall's Safe & Lock Co..... | { Joseph L. Hall, <i>Pres't</i> J. B. Marling, <i>Sec'y</i> D. Hoppe..... G. H. VonJerahe..... } | Commission. |
| Hoppe, D., & Co..... | | |
| Hafer, George..... | | |
| Hayes, J. M., & Co..... | { Job M. Hayes..... } | Commission, Grain and Feed. |
| Horton, A. C..... | | Real Estate Broker. |
| Hoffheimer Bros..... | { Sol. Hoffheimer..... Abe Hoffheimer..... Max Hoffheimer..... } | Liquors. |
| Harris, L. A..... | | |
| Hosea & Co..... | { Robert H. Hosea..... } | Groceries and Commission. |
| Hunnewell, H. G..... | | Soap and Candles. |
| Huneke, Henry..... | | Grocer and Provision Dealer. |
| Hill Bros. & Co..... | { John J. H. Hill..... Samuel V. Hill..... George E. Hill..... C. L. Summers..... } | Commission. |
| Hill & Summers..... | | Commission. |
| Holloway, C. M..... | | Wholesale Dealer in Salt. |
| Herzog & Shafer..... | { Henry Herzog..... Louis Shafer..... } | Commission. |
| Hamilton, Robert..... | | Groceries. |
| Hartmann, Laist & Co..... | { P. H. Hartmann..... Otto Laist..... Wm. Hochstetter..... } | Manufacturing Chemists. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|------------------------------|---|--------------------------------|
| Hinkle, A. H..... | ..... | Grain and Commission. |
| Harvey, William..... | ..... | ..... |
| Hurley & Strietmann..... | { William C. Hurley..... George H. Strietmann..... } | Cracker Bakers. |
| Hahn, John, & Co..... | John Hahn..... | Pork and Beef Packer. |
| Howe, Charles L..... | ..... | Distiller. |
| Hosball, John M..... | ..... | Pork Packer. |
| Harrison, William H..... | ..... | Capitalist. |
| Hellman, Max, Assignee..... | ..... | Western Brewery. |
| Head, William J..... | ..... | Commission. |
| Hill, George W., & Co..... | George W. Hill..... | Commission. |
| Heile, B..... | ..... | Commission. |
| Hawkins, D. M., & Co..... | { D. M. Hawkins..... H. V. Sanders..... } | Commission, Cotton and Grain. |
| Huston, R. G..... | ..... | Railroad Contractor. |
| Hazen, John F., & Co..... | John F. Hazen..... | Iron, Nails, etc. |
| Hermesch, J. H..... | ..... | Commission. |
| Higbee, Josiah J..... | ..... | Coal Dealers. |
| Hill & Smith..... | { W. G. Hill..... W. W. Smith..... } | Wholesale Grocers. |
| Holterhoff, Godfrey..... | ..... | Liquors. |
| Hackmann, Henry..... | ..... | Drayman. |
| Hord, George M., & Co..... | George M. Hord..... | Commission. |
| Hart, Matthew..... | ..... | Commission. |
| Hurin, J. K..... | ..... | Miller. |
| Hopkins, L. C..... | ..... | Real Estate. |
| Heile Brothers..... | { Henry Heile..... Frank Heile..... H. B. Honnigfort..... E. H. Huntington..... H. D. Huntington..... } | Commission, Hay, etc. |
| Huntington, E. H., & Co..... | ..... | White Star Mills. |
| Hill, William H..... | ..... | Commission. |
| Hehman, Gerhard..... | ..... | Commission, Grain, Flour, etc. |
| Hoshal, Bigler & Co..... | { M. T. Hoshal..... C. M. Bigler..... David Harp..... H. H. Helman..... F. B. Sahlfeld..... } | Commission, Live Stock. |
| Helman, H. H., & Co..... | ..... | Millers. |

INSURANCE COMPANIES.

| Name. | Represented by |
|------------------------------|--|
| Amazon Insurance Co..... | { Gazzam Gano, Pres't..... J. H. Beatty, Sec'y..... } |
| Cincinnati Insurance Co..... | Jacob Burnet, Jr., Pres't..... Charles Stewart, Jr., Sec'y .. |
| Citizens' Insurance Co..... | Lewis Glenn, Pres't..... J. B. Abernathy, Sec'y..... |
| Commercial Insurance Co..... | J. A. Townley, Pres't..... J. Wilson Johnston, Sec'y .. |
| Eagle Insurance Co..... | Henry Kessler, Pres't..... John K. Green, Vice-Pres't... |
| Enterprise Insurance Co..... | Samuel P. Post, Sec'y..... J. W. Hartwell, Pres't |
| Eureka Insurance Co..... | J. W. McCord, Sec'y |
| Farmers' Insurance Co..... | John Kyle, Pres't..... E. E. Townley, Sec'y..... |
| Fidelity Insurance Co..... | Joseph F. Larkin, Pres't..... Karl F. Benndorf, Sec'y..... |
| | E. V. Brookfield, Pres't..... Charles Rule, Sec'y..... } |

INSURANCE COMPANIES—Continued.

| Name. | Represented by | |
|--|--|--|
| Firemen's Insurance Co..... | { H. E. Spencer, <i>Pres't</i> G. McLaughlin, <i>Sec'y</i> | |
| Germania Insurance Co..... | { Peter A. White, <i>Pres't</i> D. B. Meyer, <i>Sec'y</i> | |
| Globe Insurance Co..... | { S. F. Covington, <i>Pres't</i> Robert W. Stewart, <i>Sec'y</i> | |
| Merchants and Manufacturers' Insurance Co | { William H. Calvert, <i>Pres't</i> ... William C. Herron, <i>Sec'y</i> | |
| Miami Valley Insurance Co..... | { George W. Jones, <i>Pres't</i> George A. Miller, <i>Sec'y</i> | |
| National Insurance Co..... | { John Burgoyne, <i>Pres't</i> Henry C. Urner, <i>Sec'y</i> | |
| Phoenix Insurance Co..... | { H. M. Magill, <i>General Agent</i> .. F. H. Cloud, <i>City Agent</i> | |
| Union Insurance Co | { A. C. Edwards, <i>Vice-Pres't</i> ... Joseph T. Blair, <i>Sec'y</i> | |
| Washington Insurance Co | { J. P. Whiteman, <i>Pres't</i> Henry Emerson, <i>Sec'y</i> | |
| Western Insurance Co..... | { F. X. Reno, <i>Pres't</i> Charles F. Runck, <i>Sec'y</i> | |
| Union Central Life Insurance Co. | { John Cochnower, <i>Pres't</i> N. W. Harris, <i>Sec'y</i> | |
| Merchants' Mutual Fire Insur- ance Co | { John C. Morris, <i>Pres't</i> William A. Hall, <i>Sec'y</i> | |
| Insurance Adjustment Co..... | { John I. Covington, <i>Sup't</i> | |
| Cincinnati Equitable Fire Insur- ance Co..... | { S. S. Smith, <i>Pres't</i> T. S. Goodman, <i>Sec'y</i> | |

INSURANCE AGENTS.

| Style of Firm. | Members. | Style of Business. |
|-------------------------------|--|----------------------------|
| Bonsall, Charles, & Son | { Charles Bonsall..... Robert T. Bonsall..... | Fire and Marine Insurance. |
| Cassilly, W. B..... | { W. F. Law | Fire and Life Insurance. |
| Law Brothers | { George W. Law | Fire Insurance. |
| Law, John H..... | ..... | Fire Insurance. |
| Neff, George W., & Co | George W. Neff..... | Fire Insurance. |
| Neare, George W..... | ..... | Fire Insurance. |
| Owens, Owen..... | ..... | Fire and Life Insurance. |
| Young, William..... | ..... | Fire Insurance. |
| Fackler, George W ..... | ..... | Life Insurance. |
| Ferry, Francis..... | ..... | Fire Insurance. |
| Gray, Adam, & Co..... | { Adam Gray..... Gideon Burton..... | Fire Insurance. |
| Long & Dodds..... | { Alfred A. Long..... Milo G. Dodds..... | Fire Insurance. |
| French, Maynard..... | ..... | Fire Insurance. |
| Rauh, F., & Co..... | { Frederick Rauh | Fire Insurance. |
| Roberts, John E..... | { David J. Workum | Fire Insurance. |
| Simpson & Gault | { Robert Simpson..... George E. Gault | Life Insurance. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|---|--------------------------------------|-------------------------------|
| Laidley, F. A., & Co..... | { Frederick A. Laidley | Pork Packers and Commission |
| Litmer, C., & Co..... | { M. D. Thompson | Merchants. |
| Linck, Frank..... | Casper Litmer..... | Lard Oil Manufacturers. |
| Lippelmann, H. H..... | ..... | Maltster. |
| Laralde, E..... | ..... | Distiller. |
| Leggatt, Charles..... | ..... | Note Broker. |
| Lehmer, James D..... | ..... | Farmer. |
|  | ..... | Commission. |
| Laws, James H., & Co..... | { James H. Laws..... | |
| | { William H. Laws..... | Auction and Commission. |
| | { Harry L. Laws | |
| | { L. C. Keever..... | |
| Lemon, William M..... | ..... | Provision Dealer. |
| L'Hommedieu & Co..... | { Samuel L'Hommedieu | Commission. |
| | { Henry Spilman | |
| LeCain, Fred G..... | ..... | Flour, Commission. |
| Loewenstein, H., & H..... | { Henry Loewenstein..... | Butchers. |
| | { Herman Loewenstein..... | |
| McKeehan, James, & Co..... | { James McKeehan..... | Pork Packers. |
| | { Samuel McKeehan..... | |
| McCullough's, J. M., Sons..... | { J. C. McCullough..... | Agricultural Implements and |
| | { Albert McCullough..... | Seeds. |
| McGuire, Matthew..... | ..... | Steamboat Agent. |
| Mathers, Richard..... | ..... | Pork Packer. |
| Mack, Stadler & Co..... | { Marcus H. Mack..... | Clothing and Tailors' Trim- |
| | { Henry Mack..... | mings. |
| | { I. H. Mack..... | |
| Mohr, Mohr & Co..... | { Paul Mohr..... | Liquors. |
| | { Paul F. Mohr, Jr..... | |
| Meldrum, George..... | ..... | Glass and Paints. |
| Mitchell & Rammelsberg Furni- ture Co..... | { Robert Mitchell, Pres't..... | Furniture Manufacturers. |
| | { A. H. Mitchell, Sec'y & Treas..... | |
| Macready, Robert, & Co..... | { Robert Macready..... | |
| | { William H. Macready..... | Druggists. |
| | { W. H. Runkle..... | |
| | { H. Carrel, Pres't..... | |
| Marine Railway & Dry Dock Co. | { Oliver P. Tharp, Sup't..... | |
| | { Joseph P. Rogers, Cashier..... | |
| | { William Maescher..... | |
| Maescher & Shafer..... | { Josiah H. Shafer..... | Pork Packers. |
| | { John V. Maescher..... | |
| Moemke & Janszen..... | { Henry Moemke..... | Wholesale Grocers and Commis- |
| | { August Janszen..... | sion. |
| Mills, Joseph F..... | ..... | Liquors. |
| Mac Brair & Sons..... | { Archibald Mac Brair..... | |
| | { Archibald Mac Brair, Jr..... | Engravers and Lithographers. |
| | { William Mac Brair..... | |
| Michener, Israel, & Co..... | { Israel Michener..... | |
| | { J. Hart Michener..... | Pork Packers. |
| Marsh & Harwood..... | { John W. Fox, Supt..... | Manufacturers, Chemicals. |
| Mullane & Co..... | { Andrew J. Mullane..... | |
| | { Charles S. McGuire..... | O. & M. Elevator. |
| | { Alex. McDonald..... | |
| McDonald, Alex., & Co..... | { James McDonald..... | Oil, Starch and Naval Stores. |
| | { E. Zimmerman..... | |
| | { W. B. Maddux..... | |
| Maddux, Hobart & Co..... | { Wm. N. Hobart..... | Liquors. |
| | { Lewis O. Maddux..... | |
| Marmet & Co..... | { Otto Marmet..... | Coal Dealers. |
| | { Florence Marmet..... | |
| Moerlein, Christian..... | ..... | Elm Street Brewery. |
| Mellen, Brown & Co..... | { W. S. Mellen..... | |
| | { T. F. Brown..... | Cotton and Commission. |
| | { Z. Brown..... | |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|---------------------------------|---|--------------------------------|
| Miller, H. H., & Co..... | { H. H. Miller..... W. E. Miller..... } | Commission. |
| Minor & Dixon..... | { James R. Minor..... Henry Dixon..... } | Wholesale Grocers. |
| Morrison, James, & Co..... | { James Morrison..... John Morrison..... Thomas Morrison..... } | Pork Packers. |
| Moore, Robert, & Co..... | { Robert Moore..... T. L. Macdonald..... Wm. Moffett..... } | Cotton and Commission. |
| Mackoy, John, & Son..... | { John Mackoy..... } | Commission. |
| Metz, John..... | | Pork Packer. |
| Megrue & Dykins. | { Joseph R. Megrue..... Robert A. Dykins..... } | Barley, Malt and Grain. |
| Miami Stock Yards..... | { B. Eggleston, <i>Pres't.</i> H. Andrew Bowman, <i>Sup't.</i> L. A. Green, <i>Asst Sup't.</i> } | |
| Mowry Car and Wheel Works... | { Samuel First, <i>Sec'y.</i> } | |
| Mack, Thomas A..... | | Pig and Iron Ores. |
| Miller, A. M., & Son..... | { A. M. Miller..... Richard O. Miller..... } | Commission. |
| Morehead, H. B..... | | Note Broker. |
| Miller, John..... | | Miller. |
| Morgan, E., & Co..... | { Ephraim Morgan..... Herman Teeppen..... Charles H. Davis..... } | Distillers. |
| McFarlan, Baldwin & Co..... | { James McFarlan..... Ashbel C. Baldwin..... Alexander C. Martin..... } | Wholesale Grocers. |
| Martin, A. C., & Co..... | { William D. Creasey..... } | Commission. |
| Mills, Charles L..... | | Distiller. |
| Means, William..... | | Pig Iron and Steel. |
| Mitchell, Newton, & Co..... | Newton Mitchell..... | Pork Packers. |
| Neff, Wm. Clifford..... | | |
| Nye, John C..... | | Pork Packer. |
| Neff, J. M. W..... | | Commission. |
| Norton Iron W'ks of Ashland, Ky | Chas. L. Colburn, <i>Agent.</i> | |
| Nagel, Henry..... | | Miller. |
| Newton, Francis M..... | | Commission. |
| Nye, Henry..... | | Provision Broker. |
| Newburgh, Stern, Lauer & Co... | { Nathaniel Newburgh..... Henry Rindskopf..... Henry Lauer..... } | Wholesale Clothiers. |
| Nichols, George Ward..... | | |
| Netter, Albert..... | | Bond and Note Broker. |
| Nurre, A. Joseph..... | | Moldings and Frames. |
| Odiorne & Dalton..... | { T. G. Odiorne..... James Dalton..... } | Note Brokers. |
| Parker, Wise & Co..... | { James D. Parker..... James S. Wise..... Paris C. Brown..... } | Boat Stores. |
| Phipps, Gardner, & Co..... | { Gardner Phipps..... Charles G. Enyart..... Gardner E. Phipps..... George Phipps..... William Procter..... } | Pork Packers. |
| Procter & Gamble..... | { James Gamble..... William A. Procter..... James N. Gamble..... } | Soap and Candle Manufacturers. |
| Pugh, A. H..... | | Printer. |
| Pounsford, A. H., & Co..... | A. H. Pounsford..... | Printers and Stationers. |
| Parker, De Witt H..... | of Watts, Parker & Co., N. Y.. | Provisions. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|-------------------------------|---|-----------------------------|
| Poland & Henry..... | { Patrick Poland..... John Henry..... Joseph DeBar..... Oliver Perin..... Nelson Perin..... John Gould..... Grove J. Penney..... Wash. M. Roll..... H. B. Patterson..... W. M. Patterson..... | Groceries and Liquors. |
| Perin & Gould..... | { | Liquors and Commission. |
| Penney, Grove J., & Co..... | { | Commission, Grain. |
| Patterson, Bro. & Co..... | { | Commission, Produce. |
| Pohlmeyer, Charles..... | { | Flour Dealer. |
| Post & Co..... | { E. V. Cherry, <i>Vice-Pres't</i> Oliver Kinsey, <i>Sec'y</i> Andrew Pfirrmann..... Jacob Pfau..... | Railroad Supplies. |
| Pfirrmann & Pfau..... | { | Liquors. |
| Pienkowski, Thomas J..... | { | Live Stock Broker. |
| Phillips Coal Elevator..... | { J. A. J. Smith, <i>Manager</i> John J. Perkins..... Jerome H. Smith..... Fred. H. Bruns..... | |
| Perkins, John J., & Co..... | { | Cracker & Biscuit Bakers. |
| Patterson, Stephen J..... | { | Coal Dealer. |
| Powell, Wm. & Son..... | { William Powell..... E. J. Horton, <i>Superintendent</i> | General Brokers. |
| Pomeroy Coal Co..... | { | Real Estate Broker. |
| Pendleton, Edmund H..... | { | Capitalist. |
| Pendleton, Elliott H..... | { | Commission, Cooperage. |
| Pratt, Benjamin F..... | { | Pork Packer. |
| Parker, Luther..... | { | Coal. |
| Pomeroy, Charles C..... | { | Pig Iron and Coal. |
| Pluemer & Bramwell..... | { A. Pluemer..... J. C. Bramwell..... J. Scott Peebles..... Thomas H. Foulds..... William H. Peebles..... Edward M. Pattison..... Robert W. Caldwell..... Hiram H. Peck..... John N. Wooliscroft..... | |
| Peebles, Foulds & Co..... | { | Race Street Flour Mill. |
| Pattison & Caldwell..... | { | Distillers. |
| Peck & Wooliscroft..... | { | Flour and Grain Commission. |
| Regan, John..... | { | Transfer. |
| Richards', John, Sons..... | { Thomas B. Richards..... John W. Richards..... | Cooperage. |
| Reid, Samuel V..... | { | Provision Broker. |
| Runyon, T. M., & Co..... | { Thomas M. Runyon..... Daniel Ruttle..... William Schlickman..... Samuel Reis..... Julius Reis..... Abram Reis..... Geo. W. Robson, Jr..... John H. Stegeman..... Guernsey Y. Roots..... Albert E. Smith..... James Munce..... | Commission. |
| Ruttle, D., & Co..... | { | Pork and Beef Packers. |
| Reis Brothers & Co..... | { | Wholesale Fancy Grocers. |
| Robson, G. W., Jr., & Co..... | { | Distillers. |
| Roots & Co..... | { | Commission. |
| Reif, George..... | { | Pork Packer. |
| Reis, Isaac..... | { | Liquors. |
| Robinson, R. H., & Co..... | { Richard H. Robinson..... Arthur W. Ross..... John W. Lysle..... Thomas S. Royse..... Gus. Mosset..... Nathaniel Ropes..... C. W. Rowland..... Matthew Ryan..... Michael Ryan..... John Ryan..... Richard Ryan..... | Grain and Commission. |
| Ross & Lysle..... | { | Coal Dealers. |
| Royse & Mosset..... | { | Steamboat Agents. |
| Ropes, N., & Co..... | { | Candle Manufacturers. |
| Rowland, C. W., & Co..... | { | Cotton Commission. |
| Ryan Brothers..... | { | Pork Packers. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|---------------------------|--|-----------------------|
| Robinson, James S..... | ..... | Steamboat. |
| Rabe, Gerhard Henry ..... | ..... | Distiller. |
| Rohrer, D., & Co..... | { David Rohrer..... Charles Hofer..... } | Distillers. |
| Renner, George..... | ..... | Maltster. |
| Rawson, J., & Son..... | { Joseph Rawson..... Warren Rawson..... Edward Rawson..... Joseph Rawson, Jr..... } | Pork Packers. |
| Rees & Co..... | { Jonah L. Rees..... Samuel D. Rees..... } | Flour and Commission. |
| Roach, Patrick E..... | ..... | Railroad Contractor. |
| Robinson, John A..... | ..... | Coal Tow Boats. |
| Reno, John C..... | ..... | Steamboat Agent. |

RAILROAD AND TRANSPORTATION COMPANIES.

| Name of Company. | Represented by | Position. |
|--|---|---|
| Atlantic & Great Western Railroad Co..... | { G. G. Cochran..... J. C. Guthrie..... W. H. Tennis..... } | General Freight Agent. General Agent. Local Freight Agent. |
| Cleveland, Columbus, Cincinnati & Indianapolis Railway Co... | { Henry W. Gays..... Wilson Cross..... } | General Freight Agent. Contracting Agent. |
| Chesapeake & Ohio Railroad Co.. | { Nick M. Johnston..... B. S. Fitch..... R. M. Shoemaker..... F. H. Short..... L. Williams..... } | General Western Agent. General Freight Agent. President. Secretary and Treasurer. General Superintendent. |
| Cincinnati, Hamilton & Dayton Railroad Co..... | { A. H. McLeod..... A. R. Lafferty..... M. M. Shoemaker..... Geo. W. Marshall..... } | General Freight Agent. Freight Agent. Contracting Agent. Stock Agent. |
| Cincinnati Consolidated Street Railroad Co..... | { R. M. Shoemaker..... C. R. Chesley..... } | President. Superintendent. |
| Cincinnati Inclined Plane Railway Co..... | { George A. Smith..... Joseph S. Hill..... M. E. Ingalls..... } | President. Treasurer. President. |
| Indianapolis, Cincinnati & Lafayette Railroad Co..... | { H. J. Page..... Henry Coope..... John H. Long..... Robert B. Bowler..... } | General Freight Agent. General Contracting Agent. Freight Agent. Superintendent. |
| Kentucky Central Railroad Co... | { Charles L. Brown..... Brent Arnold..... } | General Freight Agent. Freight Agent. |
| Louisville, Cincinnati & Lexington Railroad Co..... | { John MacLeod..... Edgar Hill..... R. M. Fraser..... } | General Superintendent. General Freight Agent. General Freight Agent. |
| Marietta & Cincinnati Railroad Co..... | { John Reichtin..... C. S. Sawyer..... Daniel J. Dalton..... E. F. Fuller..... } | Contracting Agent. Contracting Agent. Contracting Agent. General Agent. |
| Pittsburgh, Cincinnati & St. Louis Railroad Co..... | { J. D. Ellison..... Robert K. Brown..... H. F. Heckert..... A. D. McPherson..... } | Superintendent. Freight Agent. Freight Agent. Stock Agent. |
| Adams Express Co..... | { L. C. Welr..... J. H. Rhodes..... } | Agent. Superintendent. |
| Star Union Line..... | { H. Wilson Brown..... James B. King..... } | Agent. Contracting Agent. |
| White Line Central Transit Co... | { William W. Elliott..... S. Bailey, Jr..... } | Agent. Superintendent. |
| Cincinnati Transfer Co..... | { J. C. Healy..... } | Secretary. |

RAILROAD AND TRANSPORTATION COMPANIES—Continued.

| Name of Company. | Represented by | Position. |
|-----------------------------------|----------------------------|----------------------------------|
| Covington Transfer Co..... | { C. H. McVeigh..... | Agent. |
| Cin'nati, Portsmouth, Big Sandy | { P. P. McVeigh..... | Superintendent. |
| & Pomeroy Packet Co..... | { David Gibson..... | President. |
| | { T. N. Johnson..... | Secretary. |
| United States Mail Line Co..... | { Thomas Sherlock..... | President and Treasurer. |
| | { M. McCullough..... | Superintendent. |
| Mobile & Ohio Railroad Co..... | { J. F. Richardson..... | Freight Agent. |
| Ohio & Mississippi Railway Co... | { Thomas T. Greene..... | Agent. |
| Hoosac Tunnel Fast Freight Line | { C. W. Willis..... | General Agent. |
| Walnut Hills & Cincinnati Street | { W. W. Peabody..... | General Superintendent. |
| Railroad Co..... | { E. W. Jackson..... | Agent. |
| Great Western Despatch..... | { Henry Lewis..... | President. |
| Erie & Pacific Despatch..... | { John Harris..... | Superintendent. |
| Mt. Adams & Eden Park Inclined | { Enoch Taylor..... | General Agent. |
| Railway Co..... | { George B. Kerper..... | President. |
| Storrs & Sedamsville Street Rail- | { James R. Murdoch..... | Director. |
| road Co..... | { Albert H. Ross..... | Superintendent. |
| South Shore Line..... | { Benj. F. Haughton..... | Secretary. |
| Erie and North Shore Despatch, | { A. C. Tomy..... | Agent. |
| (Diamond Line)..... | { Charles M. Rathbun..... | Agent. |
| Pittsburgh & Cincinnati Packet | { James N. Williamson..... | Superintendent. |
| Co..... | { John J. Henderson..... | Agent. |
| United States Express Co..... | { E. P. Wilson..... | Gen'l Passenger & Freight Agent. |
| Cincinnati Railroad Co..... | { Jacob Wirth..... | Vice-President. |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|----------------------------------|----------------------------|----------------------------|
| Snider's, Louis, Sons..... | { Louis P. Snider..... | Paper Manufacturers. |
| Schmidt, Charles..... | { Henry J. Snider..... | Flour. |
| Stettinius, John L..... | ..... | ..... |
| Schrauder, George..... | ..... | Pork Packer. |
| Spence, Andrew..... | ..... | Pork Packer. |
| Snider, Anderson & Co..... | { G. S. Snider..... | Bakers. |
| | { P. S. Anderson..... | ..... |
| Snodgrass & Clark..... | { James H. Snodgrass..... | Commission. |
| | { N. S. Clark..... | ..... |
| | { Daniel Stone..... | ..... |
| Stone, Daniel, & Co..... | { Joseph Serena..... | Coal Dealers. |
| | { W. F. Abrams..... | ..... |
| Smith, C. J. W..... | ..... | Commission. |
| Shaffer, Thomas B..... | ..... | Flour. |
| Schneider, John..... | ..... | ..... |
| Sibley, J. W., & Co..... | { James W. Sibley..... | Commission. |
| | { Frank H. Sibley..... | ..... |
| Schwill, Albert, & Co..... | { Albert Schwill..... | Brewers' Supplies. |
| | { Louis Burger..... | ..... |
| Swift, Briggs & Co..... | { Briggs Swift..... | Pork Packers. |
| | { J. C. Thoms..... | ..... |
| Schaller & Gerke..... | { Joseph Schaller..... | Brewers. |
| | { George Gerke..... | ..... |
| Shillito, George, Jr., & Co..... | { George Shillito, Jr..... | Star Candle Manufacturers. |
| Short & Mundell..... | { G. M. Short..... | Grocers. |
| | { W. D. Mundell..... | ..... |
| Shaffer, William..... | ..... | Pork Packer. |
| Smith, Thomas G..... | ..... | Pig Iron. |
| Spilman, James, & Co..... | { James Spilman..... | Grocers and Commission. |
| | { Richard B. Spilman..... | ..... |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|---------------------------------|--|---|
| Shinkle, Howell & Kreis..... | { Bradford Shinkle..... Thomas W. Howell..... John A. Kreis..... } | Wholesale Grocers. |
| Schmitt, Anthony..... | ..... | Flour. |
| Stall, B. G., & Co..... | B. George Stall..... | Wholesale Grocers. |
| Slimer & Raibe..... | { George Slimer..... John J. Raibe..... } | Fresh and Salt Meat Dealers. |
| Skinner, Frank..... | ..... | Commission, Grain. |
| Schwegman, F., & Co..... | { F. Schwegman..... B. Knueven..... John Shillito..... Wallace Shillito..... Gordon Shillito..... Stewart Shillito..... } | Flour. |
| Shillito, John, & Co..... | ..... | Dry Goods. |
| Shinkle, Vincent..... | ..... | Coal. |
| Semple, Cassilly & Co..... | { R. S. Semple..... Thomas A. Cassilly..... G. S. Stearns..... S. C. Foster..... E. R. Stearns..... Charles Stewart..... Amor Smith, Jr..... Leander Smith..... H. L. Stiles..... T. M. Stiles..... } | Ship Chandlery and Boat Stores. |
| Stearns & Foster..... | ..... | Wadding and Batting Manufact- urers. |
| Stewart, Charles, & Co..... | ..... | Pork Packers. |
| Smith, Amor, & Co..... | ..... | Dealer in Cracklings. |
| Stiles, H. L., & Co..... | ..... | Foreign Fruits and Fancy Gro- ceries. |
| Shaw, Samuel..... | ..... | Grocer. |
| Spreen, William C..... | ..... | Commission. |
| Stephens & Bro..... | { Thomas J. Stephens..... William R. Stephens..... } | Glue Manufacturers. |
| Sandheger, Christopher..... | ..... | Liquors. |
| Severet, J. A., & Co..... | { John A. Severet..... Fred. Kirschner..... } | Pork and Beef Packers. |
| Steinau, Abram..... | ..... | Wholesale Jeweler. |
| Sander & Burkhardt..... | { Adolph Sander..... Louis Burkhardt..... } | Pork and Beef Packers. |
| Stone, William..... | ..... | Coal Dealer. |
| Spence Bros. & Co..... | { Charles A. Spence..... Thomas R. Spence..... James P. Spence..... N. T. Spence..... James H. Smith..... } | Tobacco Manufacturers. |
| Smith, J. H., & Co..... | ..... | Commission. |
| Shinkle, Oliver P..... | ..... | Steamboat Captain. |
| Swift's Iron & Steel Works..... | { Alex. Swift, Pres't..... Edward L. Harper, Treas..... } | ..... |
| Stone, George N..... | ..... | Commission, Grain. |
| Snodgrass, John T..... | ..... | Pork Packer. |
| Schroth, Fred..... | ..... | Commission. |
| Skaats, Edwards & Co..... | { George W. Skaats..... A. S. Edwards..... Charles Schmidlapp..... J. G. Schmidlapp..... Thomas B. Stone..... Smith Betts..... John Shearer..... E. R. Mauck..... Wm. N. Siebern..... John E. Stone..... John G. Sohn..... William S. Sohn..... Henry Schlosser..... Edwin Stevens..... William Dair..... C. E. Dair..... } | Distillers. |
| Schmidlapp & Co..... | ..... | Coal. |
| Stone, T. B., & Co..... | ..... | Steamboat Agents. |
| Shearer, John, & Co..... | ..... | Dealer in Butchers' Tools and Machinery. |
| Siebern, W. N., & Co..... | ..... | Lard Oil. |
| Stone, John E., & Co..... | ..... | Brewers. |
| Sohn, J. G., & Co..... | ..... | Commission, Whisky, Grain, Flour, etc. |
| Stevens, Dair & Co..... | ..... | Pianos and Organs. |
| Smith, James R..... | ..... | ..... |
| Stone Lake Ice Co..... | { Robert R. Reynolds, Sup't.... Frank Reynolds, Treas..... } | ..... |

NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|------------------------------------|---|---------------------------------|
| Shelby Iron Co., of Alabama..... | L. E. Warner, <i>Agent</i> | Wholesale Grocers. |
| Stadeker, D. W., & Co..... | David W. Stadeker..... | Live Stock Dealers. |
| Straus & Stern..... | { Henry Straus..... } | |
| | { Jacob Stern..... } | |
| Strong & Guthrie..... | { Edward F. Strong..... } | Commission, Grain & Provisions. |
| | { Frank M. Guthrie..... } | |
| Slane, Jackson..... | | Diamond Broker. |
| Stowe, J. G., <i>Manager</i> | | Buckeye Mowers and Reapers. |
| Traber & Aubery..... | { Jacob Traber..... } | Pig Iron, Nails, etc. |
| | { William Aubery..... } | |
| Taylor & Bro..... | { S. Lester Taylor..... } | Cotton and Commission. |
| | { W. W. Taylor..... } | |
| Thomas, J. C..... | | Stock and Note Broker. |
| Tudor Boiler Manufacturing Co. | { William Tudor, <i>Pres't</i> } | |
| | { Richard Tudor, <i>Treas.</i> } | |
| | { John P. Tweed..... } | |
| Tweed & Andrews..... | { James Andrews..... } | Wholesale Grocers. |
| | { Daniel Andrews..... } | |
| Tompkins, Garretson..... | | Provision Broker. |
| Thornton, W. S..... | | Provision Broker. |
| Thrall, William R..... | | Physician. |
| Thornton, George..... | | Capitalist. |
| United Railroads Stock Yard Co. | { J. L. Keck, <i>Pres't</i> } | |
| | { John H. Porter, <i>Sec'y & Treas.</i> } | |
| Verhage, Henry..... | | Mineral and Soda Water. |
| Vogel, Jacob..... | | Pork Packer. |
| Windisch, C., Muhlhauser & Bro. | { Conrad Windisch..... } | Lion Brewery. |
| | { Henry Muhlhauser..... } | |
| | { Gottlieb Muhlhauser..... } | |
| Wolff, N., & Co..... | Nicholas Wolff..... | Brewers' Supplies. |
| Weber, Loper & Co..... | { Daniel Weber..... } | Live Stock Brokers. |
| | { Albert Loper..... } | |
| Weaver, Albert A..... | | Grain Commission. |
| Wrenn, A. S., & Sons..... | { A. S. Wrenn..... } | Commission. |
| | { Thomas A. Wrenn..... } | |
| | { Charles L. Wrenn..... } | |
| Widrig, T. A., & Co... .. | { T. A. Widrig..... } | Flour and Feed. |
| | { D. Hengelbrok..... } | |
| Wessel, H. H..... | | Commission. |
| Wetterer, John..... | | Maltster. |
| Woods & Conahan..... | { William H. Woods..... } | Ohio Candle Co. |
| | { Eliza S. Conahan..... } | |
| Woolley, C. W..... | | Commission. |
| Wilshire, J. W., & Co..... | J. W. Wilshire..... | Steamboat Agent. |
| Williamson, J. A..... | | Flour and Commission. |
| Wiedler, George B..... | | |
| Werk, M., & Co..... | { Michael Werk..... } | Soaps and Candles. |
| | { Michael Schwartz..... } | |
| | { Casimir Werk..... } | |
| Walsh & Kellogg..... | { James Walsh..... } | Liquors. |
| | { Charles H. Kellogg, Jr..... } | |
| Wasson, B. W., & Co..... | B. W. Wasson..... | Cotton and Commission. |
| Wallingford & Loudon..... | { J. M. Wallingford..... } | Commission, Pork and Grain. |
| | { James A. Loudon..... } | |
| Wallace, Samuel..... | | Drayman. |
| Woesten, John..... | | Provision Broker. |
| Winslow, Aubery..... | | Commission. |
| Wilson, Eggleston & Co..... | { James B. Wilson..... } | Pork and Commission. |
| | { Benjamin Eggleston..... } | |
| | { Frank W. Wilson..... } | |

 NAMES OF FIRMS, COMPANIES AND INDIVIDUALS—Continued.

| Style of Firm. | Members. | Style of Business. |
|--|--|---------------------------------------|
| Walker, J., & Co | { William Walker..... Archibald Walker..... Conrad Schultz | Ale and Beer Brewers. |
| Winslow, Howard S., <i>Agent</i> | { Peter Andrew..... | |
| Wust, C. H., & Co..... | Charles H. Wust..... | Ashland Coal Co. Commission. |
| Whetstone & Co..... | { John L. Whetstone..... F. L. Whetstone..... | Linseed Oil and Paints. |
| Wilder, J., & Co..... | { Josiah Wilder..... Ernst F. Harneyer..... | Agricultural Implements and Seeds. |
| Western Union Telegraph Co.... | F. A. Armstrong, <i>Manager</i> | |
| Wirthlin, N., & Co..... | N. Wirthlin..... | Flour. |
| Wood, Adolph, & Co..... | Adolph Wood..... | Canal Elevator. |
| Whitehouse, George F..... | | National Compress Co. |
| Weller & Worth..... | { Jacob Weller..... William E. Worth..... | Commission. |
| Williams, H. S., & Co..... | Horace S. Williams..... | Commission. |
| Wilkerson, John H..... | | Live Stock Brokers. |
| Williams, Charles P | | Real Estate. |
| West, Robert H | | Live Stock Broker. |
| Young, Henry C..... | | Royer Wheel Co. |

CINCINNATI CHAMBER OF COMMERCE.

ANNUAL REPORT OF THE BOARD OF OFFICERS.

CINCINNATI, September 1, 1879.

To the Members of the Cincinnati Chamber of Commerce and Merchants' Exchange:

Your Board of Officers, at the expiration of their term of service, beg leave to present the following brief report of their official acts, and statement of the affairs of the organization during the past fiscal year.

The report of the Treasurer shows the financial condition of the Chamber to be as follows:

| | |
|-------------------------|-------------|
| Total receipts..... | \$34,140 83 |
| Total expenditures..... | 29,649 73 |
| Excess of receipts..... | \$4,491 10 |

The receipts from all sources are \$1,407 83 less than last year, while the expenditures are \$430 40 greater. Among the extraordinary items which serve to swell our expense account are: \$500 paid to the Building Fund of the Cincinnati Industrial Exposition and \$500 expenses incurred in procuring site and plans for the new Chamber.

The Reserve Fund of the Chamber has been increased during the year by the purchase of \$7,000 United States four per cent. bonds, making a total reserve of \$40,000. The Treasurer's report, attached hereto, furnishes a detailed statement of the finances.

The subject of acquiring a new home for the Chamber received early and earnest attention from your Board. Proposals for sites were advertised for, and ten propositions were received. After a thorough investigation of each of these propositions, your Board unanimously decided in favor of the property located on the southwest corner of Fourth and Elm streets, one hundred feet on Fourth, one hundred and sixty-eight feet on Elm, and one hundred and thirty-five feet on McFarland street, and submitted the same to the Chamber, on December 10, 1878, for approval or rejection. Action by the Chamber was postponed until March 1, 1879. In the interim, a committee consisting of M. E. Ingalls, Richard Smith, Benjamin Eggleston, Thomas Sherlock and W. N.

Hobart was appointed to go to Washington and procure such legislation as would enable the Secretary of the Treasury to sell to the Chamber, the present Post Office lot. The committee was successful in procuring the necessary legislation, and in conformity therewith the Hon. Secretary appointed the following gentlemen, viz: Hon. A. Taft, Hon. Wm. S. Groesbeck, Hon. C. Moerlein, Hon. Wm. Dennison and Hon. John W. Stephenson to appraise the value of the property and report to him at what price it should be sold to this Chamber. One hundred thousand dollars was the price settled upon by these gentlemen, and the committee was authorized by a vote of the Chamber, March 18th, to contract with the Secretary of the Treasury at that price. This offer was made by the committee, and the formal acceptance of the Secretary we now hold. In which, however, a proviso is inserted that should Congress take action during this winter's session, disapproving of the sale, the contract is to be null and void. No apprehension of such action need be entertained, and the matter is virtually settled.

October 1, 1878, your Board appointed W. S. Ridgway, Wm. Means, James H. Laws, M. E. Ingalls and E. H. Pendleton, Commissioners, to act in conjunction with the Commissioners from the Board of Trade and the Ohio Mechanics' Institute in the management of the Industrial Exposition and securing permanent buildings for the same. In aid of the latter object the Chamber, on December 21, subscribed to the Building Fund \$1,000.

The Chamber adopted a resolution February 5, 1879, instructing the President to appoint a committee of thirteen to consider and report to the Chamber, matters pertaining to State legislation affecting the interests of Cincinnati and Hamilton County. The following gentlemen were appointed: S. Lester Taylor, Henry C. Urner, David Gibson, Samuel F. Covington, Joseph Kinsey, W. J. Lippincott, C. W. Rowland, John Carlisle, T. R. Spence, James M. Doherty, William B. Cassilly, Seth C. Foster and Thomas G. Smith. On May 29, this committee presented a report to the Chamber protesting against the passage of a bill to regulate Public Warehouses, then pending in the Senate of Ohio. The report of the committee was adopted and the bill failed to pass.

The Board takes pleasure in announcing that, availing themselves of their constitutional privilege, they have conferred upon Charles W. West, Esq., the distinction of an honorary membership in this Chamber.

The cental system having been adopted by a majority of the Exchanges of this country and universally in Great Britain, the matter of adoption by this Chamber was referred to the Grain Committee, who reported favorably upon it. This question will be submitted to the Chamber for action September 6, 1879.

The Board notices with pleasure the constantly increasing attendance of members upon the daily sessions of the Chamber, especially during the dull months of summer, which indicates that the claims of Cincinnati as a desirable summer residence are appreciated by her merchants.

It is proper that this Board should recognize in suitable terms the bequest of the late James A. Frazer, of five thousand dollars toward the Building Fund of the Chamber of Commerce. Such an expression emphasizes in a most practical form the devotion of an old member of the Chamber, and contributes toward the erection of a monument, which will become a daily reminder of his public spirit and of his interest in the prosperity of this great commercial body.

The following members have died during the year: Henry F. Busch, Harvey DeCamp, Thomas F. Eckert, James W. Gaff, Edmund Dexter, Robert Buchanan, Kenner Garrard, Thomas Streiff, John W. Lysle, and James A. Frazer.

By order of the Board,

JOHN H. LONG,
Secretary.

REPORT OF THE TREASURER.

CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE,
September 1st, 1879.

WILLIAM N. HOBART, Esq.,

President of the Cincinnati Chamber of Commerce :

SIR—In conformity with the requirements of the Constitution, I have the honor to submit, herewith, a detailed report of the financial condition of the Chamber of Commerce, for the fiscal year ending August 31, 1879.

The total receipts from all sources have been \$34,140 83, and expenditures \$29,649 73, showing an excess of receipts over expenditures of \$4,491 10.

The Reserve Fund has increased \$7,000 00, by the purchase of that amount of United States bonds. The amount of the Reserve Fund is now \$40,000 00, invested in United States four per cent. registered bonds.

The suggestion of the Treasurer, made in his last annual report, relative to securing a new and permanent Chamber of Commerce, has, I am happy to say, been consummated, by the purchase of the post office building, corner of Fourth and Vine streets, and the members can now congratulate themselves in occupying, in a short time, their new quarters.

Very respectfully,

FLORENCE MARMET,

Treasurer.

STATEMENT OF RECEIPTS AND EXPENDITURES,

For the Fiscal Year ending August 31, 1879.

| RECEIPTS. | | |
|---|-------------|-------------|
| From Membership Dues..... | \$25,041 00 | |
| Interest..... | 2,344 32 | |
| Rent..... | 2,173 33 | |
| Subscribers' Tickets..... | 1,400 00 | |
| Initiation Fees..... | 760 00 | |
| Desk Rent..... | 740 00 | |
| Clerks' Tickets..... | 390 00 | |
| Steamboat Tickets..... | 330 00 | |
| Arbitration Fees..... | 280 00 | |
| Annual Reports—sales..... | 22 18 | |
| Total Receipts..... | | \$34,140 83 |
| EXPENDITURES. | | |
| For Salaries..... | 10,345 25 | |
| Rent..... | 8,600 00 | |
| Telegraph Market Reports..... | 6,318 38 | |
| Expense..... | 2,095 05 | |
| Annual Report..... | 1,059 18 | |
| Industrial Exposition—in part..... | 500 00 | |
| Stationery and Blank Books..... | 280 86 | |
| Postage..... | 130 23 | |
| Arbitration Fees..... | 120 98 | |
| Printing and Advertising..... | 103 63 | |
| Interest..... | 96 17 | |
| Total Expenditures..... | | \$29,649 73 |
| Excess of Receipts..... | | \$4,491 10 |
| BILLS PAYABLE. | | |
| Note, due September 2, 1879..... | \$2,000 00 | |
| Note, due September 4, 1879..... | 2,000 00 | |
| | | \$4,000 00 |
| Balance due Treasurer September 1, 1878..... | 782 10 | \$8,491 10 |
| Bills payable—Note paid September 7, 1878..... | 2,000 00 | |
| BOND ACCOUNT. | | |
| U. S. 4 per cent. registered bonds, bought..... | 7,000 00 | |
| | | \$7,782 10 |
| Balance due Treasurer August 31, 1879..... | | \$1,291 00 |
| RESERVE FUND. | | |
| U. S. 4 per cent. registered bonds..... | \$40,000 00 | |

Respectfully submitted,

FLORENCE MARMET, *Treasurer.*

We find the above to be a correct summary of the four quarterly reports heretofore certified by us as correct in their footings, and in comparison with vouchers for expenditures, and, therefore, a correct statement of the present state of the treasury.

JOHN W. HARTWELL,
A. C. THOMAS,
WM. SHAFFER, } *Advisory Committee.*

LEDGER TRIAL BALANCE,

August 31, 1879.

| ACCOUNTS. | FACE OF LEDGER. | | LEDGER BALANCE. | |
|---------------------------------|-----------------|--------------|-----------------|-------------|
| | Dr. | Cr. | Dr. | Cr. |
| Chamber of Commerce..... | \$782 10 | \$33,000 00 | ..... | \$32,217 90 |
| United States Bonds | 40,000 00 | ..... | \$40,000 00 | ..... |
| Cash..... | 38,140 83 | 39,431 83 | ..... | 1,291 00 |
| Membership Dues..... | ..... | 25,641 00 | ..... | 25,641 00 |
| Rent..... | 8,600 00 | 2,173 33 | 6,426 67 | ..... |
| Salaries | 10,345 25 | ..... | 10,345 25 | ..... |
| Telegraph Reports..... | 6,318 38 | ..... | 6,318 38 | ..... |
| Expenses | 2,095 05 | ..... | 2,095 05 | ..... |
| Annual Report..... | 1,059 18 | 22 18 | 1,037 00 | ..... |
| Industrial Exposition..... | 500 00 | ..... | 500 00 | ..... |
| Printing and Advertising..... | 103 63 | ..... | 103 63 | ..... |
| Stationery and Blank Books..... | 280 86 | ..... | 280 86 | ..... |
| Interest | 96 17 | 2,344 32 | ..... | 2,248 15 |
| Desk Rent..... | ..... | 740 00 | ..... | 740 00 |
| Arbitration Fees..... | 120 98 | 280 00 | ..... | 159 02 |
| Initiation Fees..... | ..... | 760 00 | ..... | 760 00 |
| Subscribers' Tickets..... | ..... | 1,460 00 | ..... | 1,460 00 |
| Clerks' Tickets..... | ..... | 390 00 | ..... | 390 00 |
| Steamboat Tickets..... | ..... | 330 00 | ..... | 330 00 |
| Postage | 130 23 | ..... | 130 23 | ..... |
| Bills Payable..... | 2,000 00 | 4,000 00 | ..... | 2,000 00 |
| Total | \$110,572 66 | \$110,572 66 | \$67,237 07 | \$67,237 07 |

THE
TRADE AND COMMERCE
OF
CINCINNATI,
1878-79.

REPORT OF THE SUPERINTENDENT.

THE TRADE AND COMMERCE OF CINCINNATI.

CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE,

September 1, 1879.

WILLIAM N. HOBART, ESQ.,

President of the Cincinnati Chamber of Commerce:

DEAR SIR—I have the honor, in compliance with the Constitution of the Chamber of Commerce and Merchants' Exchange, to submit, herewith, my Review of the Trade and Commerce of the City of Cincinnati, for the commercial year of 1878-79.

Very respectfully,

SIDNEY D. MAXWELL,

Superintendent.

GENERAL REVIEW.

The past year has been a notable one in the business annals of the country. Its advent marked the expiration of the bankrupt law, which at last carried with it a large number of persons throughout the country, who waited until the last moments to seek the shelter its provisions afforded, leaving the whole body distinguished for its financial soundness and anxious, from continued losses, to be permitted once more to derive benefits from the transaction of business. The period for resumption steadily approached, with good reasons existing for the hope that the Secretary of the Treasury would be able to successfully carry out his purpose, and yet with more or less anxiety in the minds of many persons as to the result. When the first of January came, and gold awaited applicants, there were few in the list. They who wanted the precious metal, had departed when the ability to make the exchange for paper became absolutely apparent. Thus a revolution had been accomplished by mere preparation for the event. It was not long after this, before whatever doubts had existed in the minds of men, were entirely dispelled, and the whole country began to feel the pulsations of new life. Renewed faith in the integrity of the Government so aided its refunding operations, that a material part of the national debt was changed in its character, thus largely reducing the annual expenses of the country. Extraordinary shipments abroad of American produce and manufactured goods, the approach of harvests of unparalleled richness in this

country, and the serious failure of crops in Europe, all combined, before the close of the year, to thoroughly inspire the business men of the country with the belief that we had entered on better times. As midsummer approached, there was evidence everywhere of renewed activity in business walks. This was followed by increased demand for all kinds of manufactured goods, to supply depleted stocks, which at last filled manufacturers with orders that extended far into the new year. Prices, which in the main had remained either stationary or had continued the shrinking process to which they had been subjected for years, received strength, which soon ripened into positive advance, and the whole country presented a condition of rejuvenated forces. In this improvement, Cincinnati participated to an extent which was excelled by no other city. Her strength had not been diminished in any degree by the financial strain to which the country for five years had been subjected. Her machinery had been kept in good order, and her working forces were so well organized, that the city was ready to respond to the first invitations to larger production. The merchants of the city found larger inquiry for goods, an increased number of cash orders and more promptly paid paper, and the hope thus inspired was the further strengthened by the near approach of the completion of the Southern Railroad, with all the benefits which such a consummation implies. The successful settlement of railroad conflicts and the improved business of the roads increased the value of our railroad property, which was never in better condition to promote the interests of the city. The river business, notwithstanding the untoward events of the year, was measurably favorable, and the new year approached with excellent promise for this main support to our general prosperity.

The year, as a whole, presents a favorable showing in its business results to the city. The acceleration coming, however, late in the commercial year, the aggregates were not affected as will be those of the new commercial year. In aggregate values this will be specially the case, inasmuch as in many departments of business there was a material shrinkage in prices during fully one-half of the year. The receipts of grain were the largest in the history of the city, having been 11,263,275 bushels, with an aggregate approximate value of \$6,849,787, in comparison with 11,165,697 bushels, and a value of \$7,228,583 in 1877-78, and 7,600,432 bushels, and a value of \$6,812,288 in 1874-75. The shipments were 5,022,591 bushels, with a value of \$4,149,590, compared with 4,498,608 bushels, and a value of \$3,995,233 in 1877-78. If to these figures were added through shipments, which are not embraced in these figures, it would swell the grand aggregate of imports to 18,151,595 bushels, in comparison with 15,950,597, and the exports to 11,910,911 bushels, compared with 9,283,508.

The business in provisions has been more favorable to our packers than the four preceding years. While the aggregate, however, as far as quantities of product is concerned, showed little change, the aggregate value, in consequence of much lower prices, was materially reduced. The aggregate shipments of the hog product for the commercial year were 157,537,933 pounds, in comparison with 153,239,511 pounds in 1877-78, while the receipts were 30,343,798 pounds, compared with 29,714,126 pounds. The approximate aggregate value of the shipments was \$9,008,517, in comparison with \$10,734,410 in 1877-78, and of the receipts \$1,670,213, compared with \$2,054,367 in the previous year. The number of hogs packed in the winter season of 1878-79 was 623,584 head, compared with 632,302 in 1877-78, with aggregate values, respectively, of \$4,790,319, and \$7,540,967.

In the whisky business, at this city, the year was one of the most favorable in many years. Taxes were faithfully collected, so that legitimate business was at no disadvantage, and the production of distilled spirits was materially increased. The production in Cincinnati and the adjacent Kentucky cities aggregated 12,684,922.80 proof gallons, in comparison with 10,392,515.09 gallons in the previous year, showing a gain of 2,292,407.71 gallons, or over 22 per cent. To the production here, should also be added the receipts from distilleries tributary to this city, though not within the limits named, which would swell the total business in original or tax paid packages to 19,345,290 proof gallons, in comparison with 16,058,217 gallons in the previous year, with an approximate aggregate value in 1878-79 of \$22,271,386. These figures do not embrace the value added here by redistillation, mixing, compounding, etc., which would materially swell the aggregate value, the quantity rectified in the past year in Cincinnati and the Kentucky cities having been 12,909,551.94 proof gallons, in comparison with 12,072,483.43, showing a gain of 837,068.49 gallons. The stamp taxes paid on this article alone in Cincinnati and the Sixth Kentucky District, for the year, aggregated \$11,031,598 91, compared with \$9,446,645 23 in 1877-78. The shipments from this city of distilled spirits of all kinds, including alcohol, were the equivalent of 423,366 barrels, an increase of more than 50,000 barrels over the previous year.

The business in cotton equaled, if it did not exceed, any previous year, and, on the whole, was a very satisfactory season's work, our business with the mills having been increased and with foreign countries fully maintained. The aggregate receipts were 248,069 bales, compared with 184,895 bales in the preceding year, and the shipments 244,532 bales, in comparison with 183,983. The aggregate approximate value of the receipts in the late year was \$12,155,381, compared with \$9,660,763, and of the shipments \$12,165,467, in comparison with \$9,613,111.

The business in flour was about maintained, the receipts having been 613,914 barrels, not embracing the product of our city mills, compared with 606,667, and the shipments 398,653 barrels, compared with 383,954 in 1877-78. The aggregate approximate value of the receipts and shipments was \$4,550,159, compared with \$4,754,976 in 1877-78.

The leaf tobacco business at Cincinnati, owing to a diminished crop in the cutting tobacco region, in 1878, during the past year exhibited a reduction, although the receipts here did not fall off in proportion to the crop. The aggregate receipts at the warehouses, not embracing boxes, were 35,511 hogsheads, in comparison with 39,022 hogsheads in the previous year. The entire receipts at this city for the year were 78,137 hogsheads, with an approximate aggregate value, including also seed leaf and foreign, of \$8,832,342, compared with 88,280 hogsheads, and a value of \$7,885,090 in 1877-78, the large growth in value being traceable to the greatly increased prices which prevailed in leaf for cutting and plug purposes. In the manufacture of cut and plug tobacco, more than one-half of the year suffered greatly from the agitation incident to a reduction in tax, which at last occurred, to take effect May 1st, 1879. The stimulation, however, which manufacturers sustained in the ensuing months, combined with the increased production of plug tobacco, which has become an important department of our tobacco industry, resulted, in Cincinnati and the adjacent Kentucky cities, in an increase over the previous year of 335,082 $\frac{3}{4}$ pounds, the production in 1878-79 having been 4,642,211 $\frac{3}{4}$ pounds, compared with 4,307,129 pounds. The

number of cigars and cigarettes manufactured in the three cities was 98,389,000, compared with 104,935,275 in 1877-78. The total federal taxes paid by the three cities on the manufactures of tobacco aggregated \$1,995,311 17, compared with \$2,175,354 33.

In iron of all kinds a marked change has come over the trade. The aggregate sales of pig iron from first hands swept upward from 125,912 tons in 1877-78 to 212,281 tons in 1878-79, with an aggregate value, in the last year, of \$4,583,146, in comparison with \$2,875,830 in the previous year. In manufactured iron there was also marked improvement in values toward the close of the year, with largely increased receipts, which during the year 1878-79, not embracing such as was reported in bundles and pieces, aggregated 68,528 tons, compared with 43,737 tons in the previous year. The business in stoves showed material acceleration, while the receipts of nails were the largest in the history of the city, having been 509,164 kegs, in comparison with 431,245 in 1877-78.

The business in groceries exhibited manifest improvement throughout the whole year, the benefits of an improved condition having been felt in this great department of our business somewhat in advance of others. Goods were sold on slender margins, but there was a small percentage of bad debts and the whole condition was favorable. Prices during the earlier parts of the year were lower in leading groceries, so that the aggregate values were somewhat reduced, and yet there appears little doubt that the year, both in quantity and value, brought an increased aggregate to the general business. The receipts of coffee were 222,399 bags, in comparison with 211,026 in 1877-78; of sugar, the equivalent of 286,341 barrels, compared with 252,582 barrels, and of molasses 42,337 barrels, compared with 51,572 barrels. The aggregate approximate value of the coffee, sugar, molasses, and rice received for the year were \$11,674,191, in comparison with \$13,141,282 in 1877-78. To these specific articles should be added teas, which are receiving increased attention from our merchants, direct imports having been made during the year with satisfactory results.

The low water of the summer seriously affected the coal receipts at this city, which showed a reduction of 4,681,562 bushels, the aggregate receipts of the late year having been 34,210,667 bushels, with an approximate aggregate value of \$2,599,138, compared with 38,892,229 bushels, and a value of \$3,007,260 in the previous year. Of the total receipts the river contributed 31,305,067 bushels, or 91.5 per cent. of the whole, and the railroads 2,905,600 bushels, or 8.5 per cent. There were shipped from the city during the past year 6,494,600 bushels. The late year to dealers, was the only one presenting even measurably favorable features in a period of six years, and during this the benefit came at a late period in the year.

The manufacture of candles and soap was prosecuted with great vigor during the year, the aggregate production of the latter having been largely in excess of any previous year. The total shipments of soap, not embracing such as was consumed here, aggregated 448,972 boxes, compared with 366,802 in 1877-78. The shipments of candles were 222,360 boxes, in comparison with 231,727. The aggregate shipments of soap show an increase in four years of 177,336 boxes. These goods found sale in nearly all parts of the United States.

The entire business in the salt manufactured by the Ohio River and Kanawha fur-

naces is now transacted through Cincinnati, and might legitimately be classed as a part of the business of this city, though only such salt as was actually received here appears in the business of the year. The actual receipts show an increase over the previous year, having been 281,285 barrels, in comparison with 255,167 barrels in 1877-78. The aggregate approximate value of the salt of all kinds actually received was \$361,511, in comparison with \$311,491 in the preceding year.

The production of malt liquors, which was the largest in the history of the city, aggregated, in Cincinnati, Covington and Newport, 18,799,919 gallons, compared with 18,444,261 gallons in 1877-78, with an approximate aggregate value of \$4,699,980, in comparison with \$4,601,157 in the previous year.

The business in hogs, cattle and sheep shows an increase over the preceding year. The receipts of hogs were 1,067,453, with an approximate value of \$8,444,835, compared with 1,043,334 head and a value of \$11,114,772 in 1877-78; of cattle, 182,954 head, with a value of \$8,162,176, in comparison with 173,987 head and a value of \$8,226,196; and of sheep, 404,574 head, with a value of \$1,685,590, compared with 362,493 head, with a value of \$1,499,042, showing a total, of the three kinds of stock, of 1,654,981 head, compared with 1,579,814 head, with an aggregate approximate value, in 1878-79, of \$18,292,601, in comparison with \$20,840,010 in 1877-78. The receipts of horses (embracing also mules), for the year were, approximately, 17,998 head, with an aggregate value of \$1,217,204, in comparison with 16,506 head and a value of \$1,209,889.

The trade in petroleum in the past year far exceeded any previous year, the sales of all kinds from first hands having reached 286,804 barrels, with an approximate aggregate value of \$1,876,785, compared with 217,294 and a value of \$1,521,058 in the preceding year. Of the former, there were 251,098 barrels of illuminating oils, in comparison with 183,509 in 1877-78.

The production of starch, for which this city is so distinguished, aggregated 24,766,328 pounds, with an approximate aggregate value of \$646,077, compared with 21,841,156 pounds and a value of \$725,000 in the previous year, showing an increase in production of 2,925,172 pounds. Notwithstanding these large results, which now find sale in all parts of this country and Europe, the capacity of the works here will still be materially increased during the coming year.

The business in foreign fruits exhibits a large increase, with a more satisfactory situation generally than has been witnessed in many years. The receipts and shipments of dried fruits show a material falling off, with prices so low that it seriously affected the aggregate value. The receipts of green apples were the largest the trade here has ever enjoyed, having been 239,275 barrels, 151,618 barrels of which were shipped from the city.

Notwithstanding the greatly reduced prices during most of the year, there was, especially toward the close, a materially improved condition to the paper business of this city. The production of papers of all kinds in the district tributary to the city was 48,336,918 pounds, with an aggregate value of \$2,859,768, in comparison with 47,347,415 pounds, and a value of \$3,085,340 in the preceding year. To produce this there were employed 34 mills, 1,302 hands, cash capital to the amount of \$1,507,500, and real estate aggregating in value \$2,082,000.

The year to the tanners and leather dealers was more satisfactory than a number of preceding seasons. There was a materially increased production, with a demand from the consumers of this city, which was materially increased during the year, both from manufacturers of boots and shoes, and of harness and saddlery. The receipts comprised 36,344 bundles, and the shipments 39,965, compared with 28,371 bundles and 37,491, respectively, in the preceding year. The business in hides also exhibited manifest increase, the aggregate receipts by public and private conveyances having been, approximately, 12,709,622 pounds, compared with 10,000,000 pounds in 1877-78. If to this were added the hides from cattle slaughtered here, it would swell the quantity available here for home consumption and commercial purposes, approximately, to 19,000,000 pounds.

There were slightly increased receipts of broom corn, which aggregated for the year 1,441,800 pounds. The business in brooms did not equal the previous year, though the production here was greater and the shipments aggregated, approximately, 19,200 dozens. The receipts of peanuts reached 298,340 bushels, in comparison with 276,505, and the shipments 249,255 bushels, in comparison with 355,625 in the previous year. The aggregate receipts of hops were 7,982 bales, compared with 8,666 in 1877-78, much the large part of which found consumption here. The receipts of hemp reached 32,420 bales, compared with 22,479 in the preceding year, and in this connection it may be stated, that both the business and manufacture of cordage during the year exhibited encouraging improvement.

The receipts of hay, both by public and private conveyances, were equivalent, approximately, to 203,823 bales, with an aggregate value of \$302,677, in comparison with 181,376 bales and a value of \$247,383 in the preceding year. The receipts of bran, middlings, etc., aggregated 12,705 tons, with an aggregate value of \$150,782, compared with 11,052 tons and a value of \$154,412 in 1877-78. The business in clover, timothy and grass seed about held its own, the receipts having been represented by 55,712 bags, in comparison with 53,865 in 1877-78.

Both the receipts and shipments of butter exhibit an increase over the preceding year, the former having been 126,156 packages, compared with 121,042 in the preceding year, and the latter 43,103 packages, in comparison with 34,724, the gain having all taken place since the first of May. To this should be added the oleomargarine, or butterine, of which there was produced here, in the past year, 571,076 pounds, nearly all of which was shipped from this city to other markets. The business of the year in cheese shows some reduction, though the receipts since the first of May exhibited a marked increase. The aggregate receipts in 1878-79 were 104,664 boxes, compared with 108,326, the previous year. The receipts of eggs were 106,786 packages, in comparison with 110,480 packages in the previous year, neither of them embracing the eggs that arrive in wagons, which would greatly swell the figures, though the quantity is unknown.

The business in wool shows a large increase, both in quantity and value. The receipts aggregated 29,771 bales, with an approximate aggregate value of \$1,339,695, in comparison with 20,182 bales and a value of \$988,918. The lumber business of the city shows a large increase. The receipts aggregated, approximately, 114,000,000 square feet, compared with 89,000,000 in the preceding year. The business in naval stores, generally, did not differ materially for 1877-78, save that prices were extremely

low. The entire receipts aggregated 41,963 barrels, compared with 40,911. The receipts of lead aggregated 129,212 pigs, or 10,136,960 pounds, exhibiting a material increase over 1877-78. The business in potatoes was the largest since 1875-76, the receipts reaching 180,209 barrels and sacks, 102,541 barrels of which were sent away. There were largely increased receipts of beans, which aggregated, for the year, 36,736 bushels, compared with 17,125 in the preceding season. The receipts of feathers were represented by 9,789 sacks, compared with 12,006 in the previous year.

The production of cooperage, compared with the previous year, was no more than maintained, save in beer cooperage, which showed large increase. The receipts from the country, too, were larger, having aggregated 334,533 pieces, compared with 287,667. Nature was generous in the production of ice in the winter of 1878-79, so much so, that the ice-houses of Cincinnati and those within a radius of 50 miles supplied the entire market, the quantity put up being estimated at 200,000 tons. Prices were extraordinarily low, ranging, by boat and car load, from \$1 50@ \$3 00 per ton, according to the season. A large and growing business, at Cincinnati, is found in vegetables, small fruits and oysters, which are received in immense quantities, and which, in turn, with the large production of the former in this locality, find distribution over a wide area, through the commission houses and dealers of this city.

To these brief features of the business in specific commodities should be added the business in the wide range of dry goods, silk and millinery goods and ladies' cloaks and suits; gentlemen's, boys' and children's clothing; boots and shoes; hats, caps and furs; hardware, crockery, glassware, drugs, chemicals, confections; school, law, medical and miscellaneous books; paints and oils, silver ware and jewelry, and other articles, the relation of which can not be marked by the movement of packages. The same general features attached to the larger number of these departments of trade. The year was a transition period from the doubt and extreme caution which the shrinkage and trial of preceding years had created, into a faith which stimulated all movements. A most noticeable feature in some classes of goods, was the material decline in prices which marked the earlier part of the year, and which in some goods crowded closely upon the period of positive advance. While all did not feel the improvement in business at the same period, from the time it became apparent that the resumption of specie payment was a fixed fact, the conditions existed for an improvement, which, sooner or later, followed as a natural sequence.

The quantity of goods imported directly to Cincinnati from foreign countries, under the act of 1870, shows a material increase, having been, for the last fiscal year, according to the figures of R. H. Stephenson, Esq., Collector of Customs at this port, \$896,541, in comparison with \$632,528 in the preceding year. The total imports, under both the old and new laws, were \$964,614, compared with \$715,788. It will be seen from these figures, that the importation under the old law is steadily declining, the disposition of our merchants to avail themselves of direct importation, without incurring the delay and intermediate charges at the sea-board ports, incident to the old methods, having been more manifest during the late year than at any previous period since the new law went into operation. The merchants of Cincinnati can have foreign goods placed on their counters just as quickly as the same could reach the hands of the eastern merchant, so that there appears good reason not only for the steady growth of direct importation in

the past, but for the expectation of larger results in the future. The exception of liquors from the operation of the law for direct importation, is particularly unfavorable to this city, because of her commanding position as a liquor market, and is a discrimination which should not exist. The total duties received from all classes for the year aggregated \$412,977 10, in comparison with \$305,041 72.

In the field of manufactures there was less evidence of renewed vigor in the first half of the past year, but in the late months on all sides there were the most unmistakable indications of a permanent change for the better. In this improvement all departments more or less participated. The industries of this city were never in as favorable condition to promote the general prosperity. The necessities of the past five years have been an excellent discipline to our manufacturers, who turned their characteristic energies to the development of cheaper processes and a more economical administration, which removed from the cost of production enough to make, in the future, a material difference in the cost of manufactured articles. This, combined with the great variety of our manufactures, and the pecuniary ability which supports our industrial enterprises, must be of great service to us in occupying our full share of the world's field, which now invites American manufactures. The tables, which are given elsewhere, exhibiting the aggregate value, etc., of our manufactures in their several departments, for the year ending January 1, 1879, are taken from the valuable report of J. F. Blackburn, Esq., Secretary of the Board of Trade and Transportation of this city. They show the aggregate production of manufactured articles to have been \$138,736,165, in comparison with \$135,123,768. It is a noticeable fact that the number of establishments engaged and the number of hands employed were both larger than ever before in the history of the city, the former having been 5,272, and the latter 67,145. The cash capital invested in manufactures was \$57,509,215, and the real estate occupied valued at \$45,245,687. The aggregate value of production fell below the largest production of any previous year but \$7,695,189. When the tremendous depreciation in values which has occurred is taken into consideration, the manner in which the production of the city has proceeded is remarkable, and speaks of our great industrial activity and strength with an emphasis that the isolated statement of the value of production for the late year would come far from expressing.

The figures showing the approximate aggregate value of the receipts and shipments of commodities, at this city, are, under the circumstances, very gratifying. Not embracing such as have no specific head, but which come under one class of general merchandise, the aggregate value of the receipts for 1878-79 was \$122,026,047, in comparison with \$119,533,199, and of shipments of \$132,172,002, compared with \$125,867,246. It will thus be seen, that while the receipts show a gain in specific commodities of \$2,492,848, the shipments increased \$6,304,756. When it is remembered that in many articles lower prices prevailed during much of the year, such a result as this indicates an improvement more important than many have expected. If to these figures were added the approximate value of the merchandise having no specific head, it would swell the total value of the receipts in the past year to \$208,153,301, and the shipments to \$192,338,337.

From this cursory review of the salient points of the detailed report which follows, the mind naturally turns to the splendors of the day, the dawn of which, in many a

golden hue, may be traced in the business of the past year. Cincinnati looks out upon a future of great promise. Her financial foundations are strong. Her industrial forces are active and enterprising. Her commercial energies are soon to find the amplest opportunity for their exercise in a new field, of great breadth and richness. Her facilities for education in the professions and the arts are inviting pupils from all parts of the land. Her musical facilities stand without a rival in this country. Her public spirited citizens are embellishing the city with works of benevolence and beauty, while her centrality, her accessibility, her healthfulness, her good schools, her churches, her libraries, her society, and her many objects of interest and enjoyment, invite alike the tourist and the seeker for a permanent residence, and furnish an invaluable supplement to her business attractions.

The aggregate value of the products of our manufacturing industry, the number of hands employed, the value of real estate occupied, the cash capital invested, and the number of establishments engaged at Cincinnati, for each year in which statistics have been compiled touching these particulars, will be found in the following table:

| YEARS. | Number of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed | Value of Production. |
|--|---------------------------|------------------------|--------------------------------|--------------------------|----------------------|
| Total for year ending January 1, 1841..... | 0..... | 0..... | 0..... | 9,040 | \$16,366,443 |
| " " " " 1851..... | 0..... | 0..... | 0..... | 28,527 | 46,189,279 |
| " " " " 1861..... | 0..... | 0..... | 0..... | 30,268 | 46,993,062 |
| " " " " 1870..... | 0..... | \$45,225,546 | \$86,883,783 | 59,354 | 119,140,089 |
| " " " " 1871..... | 0..... | 51,873,741 | 87,124,119 | 59,827 | 127,459,021 |
| " " " " 1872..... | 0..... | 60,520,179 | 40,443,553 | 58,443 | 135,988,365 |
| " " " " 1873..... | 3,971 | 85,265,129 | 45,164,954 | 58,508 | 143,486,675 |
| " " " " 1874..... | 4,118 | 54,377,853 | 47,753,153 | 55,015 | 127,694,855 |
| " " " " 1875..... | 4,469 | 63,149,085 | 52,151,680 | 60,999 | 144,207,371 |
| " " " " 1876..... | 4,693 | 64,429,740 | 53,326,440 | 62,218 | 146,431,354 |
| " " " " 1877..... | 5,003 | 61,883,787 | 51,550,933 | 60,723 | 149,583,960 |
| " " " " 1878..... | 5,183 | 57,848,592 | 47,464,792 | 64,709 | 135,123,768 |
| " " " " 1879..... | 5,272 | 57,509,215 | 45,215,687 | 67,145 | 138,736,165 |

* Not reported.

The aggregate, annual, approximate value of the imports and exports, respectively, at Cincinnati, from 1854-55 to 1878-79, inclusive, appears in the following table:

| YEARS. | Imports. | Exports. | YEARS. | Imports. | Exports. |
|--------------|--------------|--------------|--------------|---------------|---------------|
| 1854-55..... | \$67,501,341 | \$38,777,394 | 1867-68..... | \$280,063,948 | \$144,262,133 |
| 1855-56..... | 75,295,901 | 50,809,146 | 1868-69..... | 283,927,903 | 163,064,358 |
| 1856-57..... | 77,959,146 | 55,642,172 | 1869-70..... | 312,978,665 | 193,517,690 |
| 1857-58..... | 83,644,747 | 52,906,506 | 1870-71..... | 283,796,219 | 179,848,427 |
| 1858-59..... | 94,213,247 | 66,007,707 | 1871-72..... | 317,646,608 | 200,607,040 |
| 1859-60..... | 103,347,216 | 77,037,188 | 1872-73..... | 326,023,054 | 213,820,768 |
| 1860-61..... | 90,108,136 | 67,023,126 | 1873-74..... | 331,777,055 | 221,536,852 |
| 1861-62..... | 103,292,808 | 76,449,862 | 1874-75..... | 311,072,639 | 201,404,023 |
| 1862-63..... | 144,189,213 | 102,397,171 | 1875-76..... | 294,214,245 | 190,186,929 |
| 1863-64..... | 389,790,537 | 239,079,825 | 1876-77..... | 260,892,540 | 191,486,831 |
| 1864-65..... | 307,552,307 | 193,790,311 | 1877-78..... | 223,237,157 | 186,209,646 |
| 1865-66..... | 462,032,766 | 201,350,055 | 1878-79..... | 208,153,301 | 192,338,337 |
| 1866-67..... | 335,961,233 | 192,929,317 | | | |

THE MANUFACTURES OF THE CITY OF CINCINNATI.

Table showing the cash capital invested, the value of real estate occupied, and the number of hands employed, in the various classes of manufactures in the City of Cincinnati and immediate vicinity, together with the aggregate value of the production, and the number of establishments engaged in each, for two years:

| CLASS OF MANUFACTURES. | Year ending January 1, 1879. | | | | | Year ending January 1, 1878. | | | | |
|--|------------------------------|------------------------|--------------------------------|---------------------------|----------------------|------------------------------|------------------------|--------------------------------|---------------------------|----------------------|
| | No. of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed. | Value of Production. | No. of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed. | Value of Production. |
| Agricultural Implements..... | 6 | \$200,000 | \$168,000 | 135 | \$219,300 | 7 | \$226,000 | \$251,000 | 221 | \$318,900 |
| Ale and Porter (see Malt Liquors)..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Alcohol (see Distilled Liquors)..... | 4 | 17,000 | 16,300 | 21 | 35,200 | 4 | 15,400 | 17,000 | 16 | 27,900 |
| Artificial Limbs and Trusses..... | 12 | 21,000 | 28,000 | 58 | 41,000 | 11 | 14,900 | 21,900 | 36 | 37,500 |
| Awnings and Tents..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Baggage Checks (included with Stencils and Dies)..... | 12 | 17,000 | 18,300 | 66 | 148,500 | 10 | 15,000 | 20,000 | 54 | 169,300 |
| Baking Powder..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Beer (see Malt Liquors)..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bellows and Forges..... | 3 | 38,000 | 25,000 | 57 | 58,000 | 3 | 33,000 | 41,000 | 39 | 48,000 |
| Bellows..... | 3 | 63,800 | 39,000 | 40 | 128,000 | 3 | 70,000 | 48,000 | 41 | 169,100 |
| Billard Tables..... | 1 | 75,000 | 36,000 | 65 | 175,000 | 1 | 75,000 | 45,000 | 65 | 190,000 |
| Blacking (see Ink)..... | 153 | 103,900 | 231,000 | 629 | 497,800 | 147 | 83,800 | 200,000 | 583 | 423,980 |
| Blacksmithing..... | 6 | 78,000 | 65,000 | 83 | 151,700 | 3 | 2,500 | 3,500 | 8 | 3,800 |
| Blinds, Ventilan (see Window Shades for 1879)..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Boilers..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Book and Nuts (see Iron)..... | 38 | 151,000 | 400,000 | 300 | 578,000 | 38 | 160,000 | 441,000 | 519 | 642,700 |
| Book Binding and Blank Books..... | 38 | 1,900,000 | 1,087,700 | 1,857 | 3,413,300 | 91 | 1,857,000 | 1,702,000 | 1,751 | 3,385,700 |
| Book and Newspaper Publishing..... | 580 | 2,780,000 | 1,329,000 | 5,179 | 5,500,252 | 507 | 1,851,000 | 1,691,000 | 4,410 | 4,317,949 |
| Boots and Shoes..... | 11 | 20,500 | 30,000 | 108 | 83,000 | 13 | 13,100 | 22,800 | 103 | 89,900 |
| Boxes, Paper..... | 11 | 225,000 | 32,000 | 144 | 137,600 | 13 | 34,000 | 37,000 | 168 | 128,700 |
| Boxes, Wood..... | 9 | 84,000 | 197,000 | 141 | 276,000 | 10 | 207,000 | 191,000 | 141 | 273,300 |
| Brackets and Hat Racks..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brass Founding and Finishing..... | 28 | 374,500 | 68,000 | 69 | 206,000 | 6 | 67,600 | 47,200 | 131 | 148,000 |
| Bread, Crackers, etc..... | 272 | 20,000 | 219,000 | 327 | 508,500 | 22 | 321,000 | 208,700 | 268 | 431,612 |
| Brick..... | 33 | 262,300 | 238,000 | 1,008 | 2,411,300 | 269 | 351,000 | 491,000 | 1,900 | 2,072,680 |
| Bricklaying..... | 33 | 262,300 | 220,000 | 230 | 328,000 | 34 | 350,000 | 250,000 | 330 | 480,000 |
| Bristles (see Curled Hair)..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Britannia Ware..... | 1 | 120,000 | 120,000 | 250 | 328,547 | 31 | 175,000 | ... | 260 | 549,585 |
| Brooms..... | 10 | 30,000 | 13,000 | 41 | 61,000 | 1 | 30,000 | 10,000 | 35 | 50,000 |
| Brushes and Wire Goods..... | 17 | 12,000 | 12,000 | 51 | 33,500 | 9 | 30,000 | 16,000 | 39 | 29,700 |
| Building Materials (exclusive of Brick and Stone)..... | 17 | 9,000 | 102,800 | 299 | 214,300 | 17 | 98,500 | 115,700 | 248 | 254,200 |
| Burns..... | 26 | 708,300 | 963,000 | ... | 1,207,800 | 25 | 935,000 | 1,128,000 | 1,029 | 1,617,600 |
| Burns, exclusive of Brick and Stone..... | 4 | 2,500 | 963,000 | ... | 1,207,800 | ... | ... | ... | ... | ... |
| Burial Cases and Hearses..... | 7 | 325,000 | 929,000 | 27 | 67,000 | 7 | 35,000 | 49,000 | 17 | 49,951 |
| Candles, Soaps and Oils..... | 33 | 1,900,000 | 1,369,700 | 1,100 | 8,108,927 | 33 | 1,845,000 | 1,513,300 | 1,021 | 7,805,090 |
| Candy and other Confections..... | 15 | 163,000 | 168,000 | 245 | 408,000 | 19 | 258,500 | 216,000 | 298 | 846,715 |
| Canned Goods..... | 181 | 118,000 | 51,000 | 740 | 468,000 | 4 | 308,000 | 31,000 | 680 | 403,000 |
| Carpentering..... | 29 | 97,400 | 270,000 | 895 | 992,506 | 178 | 400,000 | 240,000 | 1,692 | 1,522,614 |
| Carpets..... | 33 | 51,000 | 51,000 | 110 | 75,000 | 23 | 21,900 | 49,300 | 88 | 78,800 |
| Carriages and Buggies..... | 61 | 934,000 | 645,000 | 1,719 | 2,645,455 | 58 | 651,700 | 525,500 | 1,207 | 1,468,084 |

| CLASS OF MANUFACTURES. | Year ending January 1, 1879. | | | | | Year ending January 1, 1878. | | | | |
|--|------------------------------|------------------------|--------------------------------|---------------------------|----------------------|------------------------------|------------------------|--------------------------------|---------------------------|----------------------|
| | No. of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed. | Value of Production. | No. of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed. | Value of Production. |
| Carriage and Wagon Materials..... | 7 | \$113,000 | \$18,000 | 331 | \$428,214 | 6 | \$257,000 | \$162,000 | 224 | \$643,480 |
| Castings (see Iron)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cement, Lime and Plaster..... | 6 | 25,500 | 20,000 | 63 | 78,300 | 6 | 29,700 | 22,900 | 68 | 41,700 |
| Cement Felling (c)..... | 1 | 5,000 | 3,000 | 6 | 10,000 | 3 | 10,000 | 6 | 6 | 10,000 |
| Chester Bells and Frames..... | 5 | 31,000 | 26,000 | 90 | 95,603 | 7 | 37,250 | 37,000 | 99 | 111,135 |
| Charcoal, Fuel (c)..... | 11 | 12,000 | ..... | 52 | 31,000 | 9 | 12,700 | ..... | 47 | 26,800 |
| Charcoal, Fuel (g)..... | 3 | 9,500 | 11,000 | 13 | 35,000 | 3 | 9,700 | 12,500 | 13 | 37,290 |
| Chemicals (see Drugs)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Chewing Gum (c)..... | 1 | 500 | 3,000 | 8 | 20,000 | 1 | 500 | 3,000 | 8 | 20,000 |
| Children's Carriages, Hobby Horses, etc. | 3 | 35,000 | 27,000 | 70 | 79,500 | 3 | 35,800 | 31,000 | 69 | 84,000 |
| Cider (included with Vinegar)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cigars (see Tobacco)..... | 16 | 290,000 | 200,000 | 1,500 | 728,000 | 16 | 190,000 | 225,000 | 1,555 | 647,870 |
| Coats, Mantillas, Dress Trimmings, etc. | 385 | 3,771,300 | 3,188,000 | 12,700 | 9,462,700 | 411 | 4,145,140 | 3,819,000 | 13,831 | 10,131,360 |
| Clothing and Gen's Furnishing Goods..... | 9 | 38,966 | 27,000 | 61 | 69,717 | 10 | 20,000 | 21,200 | 39 | 33,700 |
| Coke..... | 5 | 25,000 | 100,000 | 37 | 100,000 | 5 | 24,800 | 114,000 | 33 | 103,400 |
| Coloring Dyeing and Laundry Work..... | 59 | 95,000 | 105,000 | 252 | 181,700 | 53 | 96,200 | 98,000 | 211 | 173,800 |
| Coopers..... | 84 | 246,000 | 207,000 | 684 | 843,000 | 81 | 243,300 | 218,500 | 682 | 628,000 |
| Copper Ware..... | 7 | 21,000 | 36,300 | 30 | 79,610 | 7 | 13,900 | 43,000 | 32 | 91,870 |
| Cordage..... | 13 | 168,700 | 80,000 | 200 | 312,700 | 13 | 168,700 | 80,000 | 200 | 312,700 |
| Corsets (see Hoop Skirts)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cotton Goods..... | 4 | 241,000 | 341,000 | 344 | 523,000 | 4 | 285,000 | 355,000 | 312 | 516,000 |
| Curled Hair and Bristles..... | 7 | 159,535 | 65,500 | 104 | 273,373 | 7 | 160,717 | 70,500 | 201 | 277,892 |
| Cutlery and Edge Tools..... | 8 | 37,500 | 42,000 | 35 | 91,000 | 9 | 43,600 | 47,000 | 33 | 98,400 |
| Dental Work..... | 50 | 38,000 | 50,000 | 107 | 139,000 | 30 | 39,000 | 40,300 | 75 | 107,800 |
| Drain Pipe..... | 4 | 15,000 | 20,000 | 38 | 41,000 | 4 | 15,400 | 23,000 | 35 | 49,400 |
| Drugs, Chemicals and Glycerine..... | 20 | 889,000 | 425,000 | 270 | 1,821,000 | 21 | 917,000 | 500,000 | 288 | 2,181,500 |
| Earthenware and Queensware..... | 9 | 155,000 | 162,000 | 300 | 288,700 | 9 | 169,000 | 177,000 | 296 | 257,500 |
| Edge Tools (see Cutlery)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Famed Iron Ware and Iron Show Cards..... | 2 | 40,000 | 39,000 | 81 | 155,000 | 3 | 40,000 | 39,000 | 80 | 155,000 |
| Engraving, Glass..... | 2 | 4,900 | 4,900 | 5 | 9,700 | 2 | 3,700 | 4,900 | 5 | 11,000 |
| Engraving, Metal..... | 10 | 8,500 | 13,700 | 31 | 23,870 | 10 | 8,300 | 13,000 | 27 | 19,380 |
| Excelsior..... | 14 | 10,800 | 17,000 | 51 | 49,300 | 12 | 9,900 | 14,400 | 47 | 40,800 |
| Fertilizers..... | 2 | 12,000 | 19,000 | 24 | 21,300 | 2 | 12,000 | 19,000 | 24 | 21,300 |
| Fires..... | 2 | 182,000 | 308,000 | 133 | 308,000 | 4 | 182,000 | 308,000 | 121 | 297,000 |
| Fire Alarm Telegraph, etc..... | 4 | 9,200 | 20,000 | 24 | 31,000 | 4 | 7,500 | 20,300 | 34 | 45,000 |
| Fire Arms..... | 3 | 7,500 | 5,800 | 21 | 28,800 | 3 | 7,800 | 5,200 | 13 | 15,870 |
| Fire Brick, Tile, Clay, etc..... | 6 | 5,000 | 8,000 | 10 | 8,000 | 6 | 4,800 | 8,500 | 14 | 9,000 |
| Fire Works and Explosives (c)..... | 5 | 40,500 | 40,000 | 40 | 51,700 | 5 | 40,500 | 40,000 | 40 | 51,700 |
| Fire Works and Explosives (g)..... | 1 | 30,000 | 15,000 | 50 | 45,000 | 1 | 30,000 | 15,000 | 60 | 50,000 |
| Fire Wood and Kindling..... | 3 | 5,200 | 6,000 | 31 | 22,000 | 3 | 3,300 | 4,500 | 24 | 16,000 |
| Flag and Banners..... | 10 | 12,000 | 10,000 | 19 | 31,000 | 10 | 14,000 | 10,000 | 27 | 45,000 |
| Flour and Meal (h)..... | 2 | 175,000 | 175,000 | 57 | 310,084 | 2 | 200,000 | 160,000 | 55 | 387,838 |
| Flour Sacks (see Paper)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Flowers and Floral Work..... | 23 | 115,000 | 400,000 | 88 | 220,000 | 22 | 130,000 | 455,000 | 83 | 217,500 |
| Foundry Facings..... | 4 | 25,000 | 32,000 | 23 | 27,900 | 3 | 2,100 | 37,700 | 19 | 26,500 |
| Frames and Mouldings..... | 9 | 379,000 | 177,000 | 430 | 601,000 | 10 | 405,000 | 242,400 | 499 | 612,000 |
| Furniture..... | 131 | 3,821,000 | 2,980,000 | 3,722 | 6,585,734 | 139 | 3,084,780 | 3,392,600 | 3,832 | 6,888,191 |

| | | | | | | | | | |
|---|-----|-----------|-----------|-------|-----------|-----|-----------|-----------|-----------|
| Furs and Gloves..... | 7 | 65,000 | 55,000 | 93 | 163,800 | 7 | 66,000 | 60,000 | 158,400 |
| Galvanized and Sheet Iron Works..... | 12 | 157,000 | 142,000 | 161 | 517,800 | 13 | 184,500 | 168,000 | 546,300 |
| Gas..... | 1 | 4,250,000 | 2,000,000 | 390 | 1,148,000 | 1 | 4,250,000 | 1,500,000 | 1,500,000 |
| Gas Meters and Machinery..... | 1 | 68,000 | 18,500 | 58 | 137,000 | 3 | 60,000 | 65,000 | 111,000 |
| Glassware..... | 1 | 130,000 | 100,000 | 220 | 200,000 | 1 | 200,000 | 110,000 | 290,000 |
| Glass, Stained and Ground..... | 5 | 10,000 | 10,000 | 20 | 29,000 | 6 | 11,200 | 13,300 | 28,360 |
| Gloves (see Furs)..... | 4 | 175,000 | 70,000 | 65 | 221,300 | 5 | 151,000 | 70,700 | 251,000 |
| Glue (a)..... | 2 | 17,000 | 10,000 | 41 | 60,000 | 3 | 19,900 | 13,300 | 68,400 |
| Glycerine (see Drugs, Chemicals, etc.)..... | 1 | 40,000 | 25,000 | 40 | 50,000 | 1 | 50,000 | 25,000 | 50,300 |
| Gold Pens, Pencil Cases, etc..... | 9 | 118,000 | 69,000 | 50 | 417,000 | 7 | 94,000 | 33,000 | 398,900 |
| Grates (see Mantels and Grates)..... | 5 | 230,000 | 193,000 | 300 | 417,800 | 5 | 255,000 | 190,000 | 400,000 |
| Grates (see Mantels and Grates)..... | 57 | 275,000 | 310,000 | 297 | 555,300 | 61 | 288,000 | 305,000 | 573,800 |
| Grease and Tallow..... | 13 | 29,000 | 38,000 | 111 | 122,050 | 13 | 23,000 | 40,000 | 127,380 |
| Hair Goods (see Wigs)..... | 4 | 7,500 | 12,000 | 11 | 14,000 | 5 | 7,600 | 16,000 | 12,800 |
| Hardware..... | 8 | 28,000 | 19,500 | 58 | 63,880 | 4 | 31,000 | 21,000 | 58,700 |
| Harness and Saddlery..... | 12 | 47,100 | 35,000 | 208 | 133,732 | 10 | 43,500 | 34,000 | 133,252 |
| Hats and Caps..... | 3 | 550,000 | 400,000 | 300 | 100,000 | 6 | 200,000 | 600,000 | 500,000 |
| Hearses (included with Burial Cases)..... | 8 | 41,000 | 40,000 | 47 | 147,000 | 7 | 33,000 | 40,000 | 124,800 |
| Hollow Ware (see Stoves)..... | 7 | 32,000 | 42,000 | 31 | 45,700 | 8 | 40,800 | 50,000 | 52,700 |
| Hoop Skirts and Corsets..... | 9 | 12,000 | 23,000 | 24 | 15,700 | 9 | 11,600 | 23,000 | 22,200 |
| Horse Collars and Hames..... | 5 | 120,000 | 110,000 | 175 | 247,000 | 5 | 111,000 | 114,000 | 171 |
| Hose (see Leather Belting)..... | 12 | 391,300 | 431,000 | 568 | 1,121,350 | 14 | 431,000 | 467,000 | 500 |
| Ice..... | 8 | 960,000 | 927,000 | 749 | 2,147,950 | 7 | 983,000 | 980,000 | 1,827,097 |
| Ink and Blacking..... | 10 | 160,000 | 207,000 | 185 | 220,297 | 8 | 160,000 | 202,300 | 217,384 |
| Instruments, Astronomical, Engineering, etc..... | 13 | 290,000 | 250,000 | 333 | 718,000 | 11 | 321,800 | 209,000 | 679,000 |
| Iron, Bolts and Nuts..... | 1 | 2,500 | 3,500 | 9 | 8,500 | 1 | 2,500 | 3,500 | 7,970 |
| Castings, not otherwise specified..... | 3 | 114,000 | 43,000 | 18 | 438,000 | 2 | 120,000 | 40,000 | 19 |
| Forged and Rolled, exclusive of Blacksmithing..... | 45 | 1,076,000 | 833,000 | 621 | 2,113,613 | 45 | 1,310,000 | 800,200 | 1,550,000 |
| Pig..... | 4 | 48,000 | 39,000 | 31 | 278,000 | 5 | 70,000 | 60,000 | 310,000 |
| Wrought (Railing, Jail Work, etc.)..... | 2 | 4,000 | 7,000 | 9 | 8,500 | 2 | 4,000 | 7,000 | 8,500 |
| Japan (see Varnish)..... | 10 | 2,000,000 | 50,000 | 250 | 9,321,452 | 10 | 2,200,000 | 650,000 | 8,012,602 |
| Jewelry and Silver Ware..... | 27 | 3,090,000 | 2,785,000 | 919 | 5,287,561 | 27 | 3,000,000 | 3,250,000 | 5,139,365 |
| Lard (b)..... | 75 | 2,180,000 | 620,000 | 500 | 9,296,963 | 73 | 2,220,000 | 700,000 | 9,642,124 |
| Lasts..... | 8 | 197,000 | 127,000 | 194 | 331,700 | 9 | 210,000 | 141,000 | 287,900 |
| Lead, Sheet and Pipe..... | 29 | 98,000 | 72,000 | 119 | 105,700 | 20 | 84,280 | 85,000 | 87,196 |
| Leather..... | 46 | 1,149,000 | 1,328,000 | 1,218 | 2,314,370 | 43 | 1,137,000 | 1,488,000 | 1,997,231 |
| Leather Belting and Hose..... | 14 | 255,000 | 437,000 | 70 | 515,750 | 14 | 258,400 | 438,000 | 573,400 |
| Lightning Rods (c)..... | 3 | 15,000 | 29,000 | 18 | 28,700 | 4 | 19,000 | 40,000 | 35,000 |
| Lime (see Cement)..... | 6 | 172,316 | 179,000 | 160 | 271,862 | 6 | 180,123 | 195,000 | 283,013 |
| Liquors, Rectified (d)..... | 1 | 3,000 | 6,000 | 5 | 5,500 | 1 | 3,000 | 6,000 | 3,500 |
| Wine..... | 20 | 55,770 | 81,000 | 97 | 192,870 | 17 | 58,400 | 87,000 | 178,000 |
| Lithography..... | 486 | 413,000 | 450,000 | 1,480 | 953,800 | 558 | 378,000 | 440,000 | 823,600 |
| Locks and Locksmithing..... | 5 | 248,000 | 193,000 | 213 | 407,000 | 5 | 275,000 | 215,000 | 438,000 |
| Locks (included with Building Materials)..... | 16 | 111,000 | 179,000 | 185 | 417,400 | 18 | 163,000 | 209,000 | 423,388 |
| Machinery (including Steam Engines)..... | 1 | 1,149,000 | 1,328,000 | 1,218 | 2,314,370 | 1 | 1,137,000 | 1,488,000 | 1,997,231 |
| Malt (exclusive of that manufactured by Brewers)..... | 3 | 15,000 | 29,000 | 18 | 28,700 | 4 | 19,000 | 40,000 | 35,000 |
| Mantels and Grates..... | 6 | 172,316 | 179,000 | 160 | 271,862 | 6 | 180,123 | 195,000 | 283,013 |
| Maps (g)..... | 1 | 3,000 | 6,000 | 5 | 5,500 | 1 | 3,000 | 6,000 | 3,500 |
| Marble Work (see Stone)..... | 20 | 55,770 | 81,000 | 97 | 192,870 | 17 | 58,400 | 87,000 | 178,000 |
| Mattress and Bedding..... | 486 | 413,000 | 450,000 | 1,480 | 953,800 | 558 | 378,000 | 440,000 | 823,600 |
| Mattresses and Bedding..... | 5 | 248,000 | 193,000 | 213 | 407,000 | 5 | 275,000 | 215,000 | 438,000 |
| Mill Stones and Portable Mills..... | 16 | 111,000 | 179,000 | 185 | 417,400 | 18 | 163,000 | 209,000 | 423,388 |
| Mineral Water..... | 1 | 3,000 | 6,000 | 5 | 5,500 | 1 | 3,000 | 6,000 | 3,500 |
| Mucilage (included with Ink)..... | 1 | 3,000 | 6,000 | 5 | 5,500 | 1 | 3,000 | 6,000 | 3,500 |

| CLASS OF MANUFACTURES. | Year ending January 1, 1879. | | | | | Year ending January 1, 1878. | | | | |
|--|------------------------------|------------------------|--------------------------------|---------------------------|----------------------|------------------------------|------------------------|--------------------------------|---------------------------|----------------------|
| | No. of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed. | Value of Production. | No. of Establishments. | Cash Capital Invested. | Value of Real Estate Occupied. | Number of Hands Employed. | Value of Production. |
| Neck Ties..... | 5 | \$4,900 | \$9,500 | 21 | \$10,210 | 4 | \$1,700 | \$10,060 | 18 | \$9,100 |
| Oils (see Candles)..... | 3 | 2,800 | 5,900 | 17 | 12,800 | 3 | 2,700 | 5,300 | 11 | 9,200 |
| Ornamental Plaster..... | 29 | 800,000 | 1,500,000 | 1,200 | 3,085,310 | 6 | 531,000 | 520,000 | 475 | 989,397 |
| Paints (see White Lead)..... | 8 | 108,000 | 105,000 | 136 | 567,217 | 6 | 126,000 | 120,000 | 151 | 549,392 |
| Paper, Printing, Wrapping, etc..... | 27 | 10,000 | 15,000 | 13 | 15,000 | 13 | 12,000 | 15,000 | 13 | 19,000 |
| Bags and Flour Sacks..... | 1 | 133,800 | 251,300 | 136 | 136,790 | 23 | 120,000 | 251,000 | 168 | 185,900 |
| Collars..... | 6 | 13,100 | 9,000 | 38 | 27,413 | 6 | 10,000 | 10,000 | 31 | 23,780 |
| Hangings..... | 149 | 104,300 | 125,000 | 531 | 483,790 | 124 | 89,200 | 101,800 | 343 | 703,931 |
| Painting, Fresco..... | 7 | 212,000 | 131,000 | 80 | 400,000 | 8 | 197,900 | 115,000 | 71 | 373,318 |
| Patent Medicines..... | 23 | 28,319 | 48,900 | 61 | 67,000 | 21 | 25,200 | 54,000 | 56 | 56,300 |
| Patterns and Models..... | 2 | 27,300 | 98,789 | 97 | 164,105 | 30 | 21,100 | 89,373 | 81 | 151,100 |
| Photographs..... | 28 | 31,000 | 10,000 | 200 | 155,190 | 31 | 50,600 | ..... | 225 | 334,980 |
| Plastering..... | 1 | 25,000 | 6,000 | 25 | 30,000 | 1 | 10,000 | 12,000 | 20 | 28,000 |
| Playing Cards (a)..... | 1 | 3,050 | 6,000 | 7 | 7,500 | 7 | 2,750 | 6,000 | 5 | 7,100 |
| Printed Books..... | 80 | 3,000 | 300,000 | 830 | 1,358,300 | 77 | 360,905 | 637,000 | 770 | 1,375,725 |
| Provisions..... | 113 | 4,250,000 | 3,248,000 | 1,230 | 12,900,246 | 116 | 3,600,000 | 3,330,000 | 1,250 | 14,897,228 |
| Pumps and Plumbing..... | 74 | 221,800 | 273,000 | 970 | 568,000 | 69 | 353,780 | 282,000 | 341 | 185,080 |
| Putty (included with White Lead)..... | 7 | 430,000 | 424,000 | 134 | 1,113,000 | 7 | 430,000 | 460,000 | 391 | 858,155 |
| Railway Materials and Supplies..... | 8 | 145,000 | 125,000 | 130 | 339,200 | 8 | 152,000 | 125,000 | 133 | 331,000 |
| Ranges and Warm Air Furnaces..... | 4 | 27,700 | 52,000 | 24 | 13,700 | 5 | 25,000 | 35,000 | 22 | 39,000 |
| Refrigerators, Ice Boxes, etc..... | 3 | 32,000 | 25,000 | 39 | 47,300 | 5 | 80,000 | 25,000 | 40 | 55,700 |
| Regalia and Costumes..... | 9 | 111,000 | 98,000 | 127 | 217,810 | 11 | 135,000 | 100,000 | 188 | 299,318 |
| Roofing Materials..... | 7 | 5,400 | 6,800 | 11 | 7,300 | 6 | 5,370 | 10,000 | 11 | 7,800 |
| Rubber Moldings and Sampls..... | 2 | 21,400 | 23,500 | 40 | 45,300 | 2 | 25,500 | 25,300 | 40 | 45,300 |
| Saddlery (see Harness)..... | 2 | 965,000 | 587,000 | 990 | 1,975,000 | 3 | 1,000,000 | 458,000 | 970 | 1,915,000 |
| Saddle-trees..... | 6 | 163,909 | 95,807 | 60 | 81,065 | 5 | 92,691 | 97,517 | 46 | 71,885 |
| Saws..... | 4 | 35,300 | 58,000 | 58 | 58,800 | 4 | 35,600 | 37,000 | 54 | 65,000 |
| Scales and Trucks..... | 1 | 7,800 | 19,000 | 22 | 24,790 | 3 | 8,400 | 15,000 | 22 | 22,900 |
| Seal Presses and Canceling Stamps..... | 5 | 5,000 | ..... | 10 | 10,000 | 5 | 7,000 | 14,000 | 27 | 25,000 |
| Sealing Wax..... | 1 | ..... | ..... | ..... | ..... | 1 | 120,000 | 61,400 | 94 | 158,400 |
| Sewing Machine Outline (see Machinery for 1878)..... | 2 | 4,100 | 8,500 | 6 | 8,500 | 1 | 5,500 | 3,000 | 4 | 7,500 |
| Shipping Tags..... | 4 | 27,300 | 35,600 | 15 | 77,000 | 4 | 33,000 | 41,800 | 47 | 70,639 |
| Shoes (see Boots and Shoes)..... | 8 | 39,300 | 71,000 | 64 | 82,012 | 7 | 42,700 | 81,000 | 63 | 79,707 |
| Silver Plated Ware..... | 1 | 117,000 | 70,000 | 77 | 128,300 | 8 | 131,000 | 116,000 | 36 | 388,920 |
| Silver Ware (see Jewelry)..... | 11 | 640,000 | 97,000 | 95 | 103,400 | 10 | 44,500 | 40,000 | 38 | 150,100 |
| Soap (see Candles)..... | 2 | ..... | ..... | 18 | 785,000 | 2 | 600,000 | 382,000 | 183 | 825,000 |
| Spirits, Mustard, etc..... | 3 | 180,000 | 170,000 | 110 | 28,650 | 3 | 180,000 | 170,000 | 120 | 311,000 |
| Star Building..... | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Steam Boilers and Engines..... | 12 | 41,500 | 41,500 | 41 | 87,000 | 12 | 65,000 | 47,000 | 41 | 80,820 |
| Steam Engines (see Machinery)..... | 10 | 21,000 | 4,000 | 15 | 47,418 | 9 | 31,000 | 51,000 | 48 | 51,000 |
| Steam Heating Apparatus..... | 12 | 21,000 | 4,000 | 15 | 47,418 | 9 | 31,000 | 51,000 | 48 | 51,000 |
| Stencils, Dies and Checks..... | 12 | 21,000 | 4,000 | 15 | 47,418 | 9 | 31,000 | 51,000 | 48 | 51,000 |
| Stone and Marble Work..... | 12 | 730,000 | 660,000 | 700 | 1,137,000 | 11 | 732,210 | 601,000 | 731 | 1,407,800 |

| | 10 | 2 | 100,000 | 661,000 | 1,140 | 1,383,700 | 9 | 932,000 | 645,000 | 1,111 | 1,358,500 |
|--|-------|-------|--------------|--------------|--------|---------------|-------|--------------|--------------|--------|---------------|
| Stoves and Hollow Ware..... | ..... | ..... | 2,500 | 3,000 | 4 | 4,000 | 2 | 2,700 | 3,000 | 4 | 4,100 |
| Sieve Polish (a)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Tallow (see Grease)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Tin Ware..... | 71 | ..... | 133,000 | 203,800 | 437 | 725,500 | 64 | 184,800 | 281,800 | 420 | 678,710 |
| Tobacco, Cigars (g)..... | 503 | ..... | 838,640 | 680,000 | 2,830 | 2,356,365 | 493 | 820,000 | 900,000 | 2,300 | 2,159,722 |
| Fine-cut, Plug, and Snuff (i)..... | 41 | ..... | 876,370 | 450,000 | 1,050 | 2,015,162 | 79 | 900,000 | 540,000 | 900 | 2,056,002 |
| Smoking (i)..... | 14 | ..... | 106,000 | 238,700 | 113 | 169,300 | 14 | 109,000 | 256,500 | 120 | 188,800 |
| Trunks and Valises..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Trusses and Braces (see Artificial Limbs)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Type and Printing Materials..... | 5 | ..... | 280,000 | 200,000 | 400 | 520,000 | 5 | 280,000 | 220,000 | 381 | 490,000 |
| Umbrellas and Parasols..... | 9 | ..... | 10,000 | 9,000 | 31 | 25,800 | 5 | 4,700 | 8,500 | 14 | 11,100 |
| Valises (see Trunks)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Varnishes and Japans (a)..... | 5 | ..... | 160,000 | 75,000 | 45 | 500,000 | 6 | 160,000 | 70,000 | 55 | 210,000 |
| Veneers..... | 2 | ..... | 125,000 | 85,000 | 65 | 191,000 | 2 | 105,000 | 65,000 | 66 | 196,000 |
| Vermicelli, Macaroni and Chocolate..... | 2 | ..... | 2,500 | 2,300 | 7 | 8,750 | 7 | 2,500 | 2,300 | 7 | 8,750 |
| Vinegar and Cider..... | 15 | ..... | 129,000 | 134,300 | 58 | 53,713 | 15 | 135,100 | 150,000 | 55 | 565,000 |
| Wagons, Carts, etc. (see Wooden Ware)..... | 65 | ..... | 297,300 | 260,000 | 512 | 671,000 | 48 | 162,000 | 258,000 | 358 | 458,500 |
| Washing Machines (see Wooden Ware)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Whisky (see Liquors)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| White Lead, Colors, Paints and Putty..... | 9 | ..... | 835,500 | 338,000 | 210 | 1,153,700 | 9 | 838,000 | 326,500 | 707 | 1,236,000 |
| Wigs and Hair Goods..... | 32 | ..... | 16,300 | 83,500 | 110 | 117,700 | 21 | 30,900 | 85,000 | 113 | 105,500 |
| Willow Ware..... | 8 | ..... | 7,000 | 8,000 | 23 | 13,800 | 11 | 5,800 | 8,200 | 21 | 11,600 |
| Window Shades (c)..... | 4 | ..... | 9,000 | 16,000 | 22 | 16,700 | 4 | 9,000 | 16,000 | 22 | 16,700 |
| Wines (see Liquors)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Wire Goods (see Brushes)..... | 3 | ..... | 145,000 | 91,000 | 151 | 241,000 | 2 | 165,000 | 125,000 | 187 | 276,000 |
| Woolen and Worsted Goods..... | 19 | ..... | 195,000 | 183,000 | 378 | 592,120 | 16 | 200,000 | 210,000 | 337 | 555,000 |
| Wood Turning..... | 18 | ..... | 25,000 | 40,000 | 60 | 84,200 | 18 | 25,000 | 43,000 | 77 | 77,800 |
| Wringing Machines..... | 1 | ..... | 75,000 | 30,000 | 40 | 110,000 | 1 | 75,000 | 30,000 | 40 | 120,000 |
| Totals..... | 5,272 | ..... | \$57,509,215 | \$45,245,687 | 67,115 | \$188,736,165 | 5,183 | \$57,866,392 | \$47,464,792 | 64,769 | \$135,123,768 |

a. Estimated.

b. 34,334,429 pounds, 1878. Hands, etc., included with Provisions.

c. Previous year's figures.

d. 9,076,447 gallons, 1878.

e. 17,776,254 gallons, 1878. Hands, product, etc., of bottling establishments included.

f. 8,814,319 gallons, 1878.

g. 93,953,300 cigars, 1878. 2,511,040 cigarettes, 1878.

h. 81,560 barrels, 1878.

i. Number of establishments manufacturing plug tobacco, 4; fine-cut, 13; smoking, 18; snuff, 6. Quantity produced: plug, 137,566 pounds; fine cut, 2,415,418 $\frac{1}{2}$ pounds; smoking, 1,924,841 pounds; snuff, 15,613 $\frac{3}{4}$ pounds, 1878.

A Classified and Comparative Statement of the Number of Hands Employed in the Manufacturing Industry in Cincinnati, for the years 1840, 1850, 1860, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877 and 1878:

| CLASSIFICATION. | 1840 | 1850 | 1860 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
|-----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Iron..... | 1,250 | 6,075 | 3,835 | 10,029 | 10,723 | 10,786 | 10,237 | 9,146 | 8,713 | 8,300 | 7,311 | 7,588 | 7,710 |
| Other Metals..... | 466 | 3,721 | 770 | 1,736 | 1,809 | 1,820 | 1,773 | 2,114 | 2,117 | 2,324 | 2,405 | 2,564 | 2,671 |
| Wood..... | 1,428 | 3,768 | 4,342 | 7,347 | 7,597 | 8,091 | 8,284 | 7,611 | 7,977 | 8,024 | 5,788 | 8,688 | 8,479 |
| Leather..... | 1,888 | 2,472 | 2,252 | 5,312 | 4,647 | 5,067 | 5,309 | 4,691 | 4,920 | 5,332 | 5,491 | 5,333 | 6,344 |
| Food..... | 1,567 | 3,982 | 787 | 1,657 | 2,331 | 1,233 | 2,621 | 2,610 | 4,957 | 4,582 | 4,631 | 4,366 | 4,458 |
| Soap, Candles and Oils..... | 1,437 | 3,750 | 889 | 1,217 | 1,132 | 936 | 1,011 | 948 | 1,043 | 1,087 | 1,136 | 1,071 | 1,150 |
| Clothing..... | 1,217 | 3,198 | 10,410 | 13,019 | 12,363 | 12,770 | 14,373 | 13,925 | 15,188 | 15,682 | 15,128 | 16,904 | 16,511 |
| Liquors..... | 1,110 | 923 | 622 | 2,428 | 2,301 | 1,888 | 1,870 | 1,632 | 1,835 | 1,816 | 1,772 | 1,841 | 1,869 |
| Cotton, Wool, Hemp, etc..... | 559 | 880 | 622 | 1,236 | 1,033 | 852 | 898 | 885 | 832 | 914 | 1,085 | 1,272 | 1,097 |
| Drugs, Chemicals, etc..... | 114 | 394 | 418 | 697 | 735 | 743 | 692 | 274 | 540 | 591 | 411 | 621 | 652 |
| Stone and Earth..... | 301 | 841 | 950 | 2,273 | 2,209 | 1,511 | 1,508 | 1,393 | 2,199 | 2,181 | 2,075 | 2,225 | 2,014 |
| Carriages, Cars, etc..... | 87 | 498 | 739 | 1,151 | 1,175 | 1,170 | 1,268 | 1,207 | 1,355 | 1,369 | 1,465 | 1,858 | 2,032 |
| Paper, etc..... | 512 | 1,073 | 229 | 1,531 | 432 | 452 | 432 | 231 | 642 | 901 | 961 | 999 | 1,075 |
| Book Binding and Blank Books..... | ..... | ..... | 101 | 485 | 434 | 372 | 353 | 319 | 635 | 620 | 590 | 519 | 500 |
| Printing and Publishing..... | ..... | ..... | 1,041 | 2,803 | 2,588 | 2,400 | 2,258 | 1,993 | 2,334 | 2,530 | 2,489 | 2,510 | 2,737 |
| Tobacco..... | ..... | ..... | 539 | 4,131 | 3,886 | 4,008 | 3,549 | 3,187 | 3,260 | 3,201 | 3,210 | 3,400 | 3,840 |
| Fine Arts..... | 139 | 393 | 139 | 278 | 250 | 266 | 144 | 268 | 333 | 367 | 334 | 340 | 378 |
| Miscellaneous..... | 432 | 2,289 | 2,318 | 2,337 | 4,177 | 2,919 | 2,018 | 2,638 | 1,990 | 2,104 | 2,211 | 2,421 | 2,388 |
| Totals..... | 9,040 | 28,527 | 30,368 | 59,354 | 59,827 | 58,413 | 58,508 | 55,015 | 60,999 | 62,218 | 60,753 | 61,769 | 67,145 |

A Classified and Comparative Statement of the Value of Products of the Manufacturing Industry in Cincinnati, for the years 1840, 1850, 1860, 1870, 1872, 1873, 1874, 1875, 1876, 1877, and 1878:

| CLASSIFICATION. | 1840 | 1850 | 1860 | 1870 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
|------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Iron..... | \$1,728,584 | \$4,148,900 | \$5,305,606 | \$20,804,265 | \$25,725,431 | \$20,114,331 | \$17,129,224 | \$16,083,835 | \$13,133,931 | \$13,288,749 | \$14,650,400 |
| Other Metals..... | 658,040 | 1,209,190 | 1,464,738 | 3,873,356 | 4,344,650 | 3,003,745 | 4,871,362 | 4,870,978 | 4,351,314 | 4,491,030 | 4,710,764 |
| Wood..... | 2,095,837 | 4,145,900 | 5,396,163 | 12,699,165 | 15,231,089 | 13,773,117 | 13,776,066 | 13,221,064 | 12,990,716 | 13,867,604 | 12,940,454 |
| Leather..... | 1,068,750 | 2,675,150 | 2,839,231 | 7,927,924 | 7,966,614 | 6,901,539 | 7,651,113 | 7,370,175 | 7,729,818 | 7,352,039 | 8,898,075 |
| Food..... | 5,269,617 | 14,473,562 | 7,423,580 | 17,945,651 | 17,729,944 | 18,268,317 | 24,071,077 | 27,660,377 | 27,341,537 | 23,710,093 | 22,092,161 |
| Soap, Candles and Oil..... | 433,940 | 1,593,000 | 8,222,203 | 7,455,561 | 8,426,039 | 7,039,453 | 9,327,343 | 9,910,143 | 9,944,100 | 8,293,930 | 8,625,427 |
| Clothing..... | 2,009,850 | 4,825,500 | 6,737,683 | 12,626,682 | 13,229,215 | 11,669,270 | 18,329,914 | 13,896,300 | 12,331,610 | 12,259,010 | 11,966,962 |
| Liquors..... | 307,500 | 5,240,930 | 4,894,821 | 16,361,006 | 21,536,831 | 17,680,371 | 24,231,273 | 23,040,267 | 23,615,598 | 23,617,711 | 24,631,726 |
| Cotton, Wool, Hemp, etc..... | 411,190 | 1,191,000 | 756,068 | 1,854,774 | 1,418,800 | 1,347,500 | 1,562,160 | 1,495,452 | 1,532,165 | 1,572,532 | 1,418,400 |
| Drugs, Chemicals, etc..... | 458,250 | 2,018,200 | 1,204,360 | 3,544,195 | 2,473,650 | 1,559,028 | 3,537,593 | 4,029,870 | 4,278,016 | 4,125,648 | 4,031,701 |
| Stone and Earth..... | 258,300 | 713,000 | 886,850 | 2,980,102 | 3,666,719 | 3,218,211 | 3,916,401 | 3,382,003 | 2,865,835 | 3,194,815 | 2,362,937 |
| Carriages, Cars, etc..... | 117,000 | 507,447 | 788,185 | 1,794,413 | 2,216,462 | 1,907,192 | 1,941,396 | 2,123,162 | 1,948,757 | 2,354,064 | 3,824,199 |
| Paper..... | 669,600 | 1,850,540 | 853,168 | 880,516 | 1,352,097 | 952,288 | 1,697,290 | 2,213,897 | 2,167,312 | 2,140,402 | 2,240,447 |
| Book Binding & Blank Books | ..... | ..... | 131,170 | 626,870 | 702,853 | 908,678 | 838,800 | 813,300 | 763,800 | 642,700 | 578,000 |
| Printing and Publishing..... | ..... | ..... | 1,503,101 | 4,699,280 | 4,531,180 | 5,312,547 | 5,930,304 | 6,200,154 | 5,416,149 | 4,957,426 | 4,952,200 |
| Tobacco..... | ..... | ..... | 615,856 | 5,857,690 | 5,567,313 | 4,640,355 | 4,745,688 | 4,198,177 | 4,697,592 | 4,215,724 | 4,871,527 |
| Fine Arts..... | ..... | ..... | 199,750 | 540,746 | 693,196 | 636,731 | 694,114 | 650,509 | 517,070 | 520,180 | 578,670 |
| Miscellaneous..... | 700,920 | 2,241,960 | 8,282,416 | 5,697,427 | 6,600,062 | 5,976,785 | 4,363,253 | 4,561,831 | 4,469,618 | 4,520,111 | 4,097,146 |
| Totals..... | \$16,366,443 | \$46,189,279 | \$46,985,062 | \$127,459,021 | \$143,466,675 | \$127,698,858 | \$144,207,371 | \$146,431,354 | \$140,683,960 | \$135,123,768 | \$138,738,165 |

Statement of Foreign Merchandise Imported at Ports of First Arrival, and Transported thence, without Appraisalment, to the Port of Cincinnati, under the provisions of the Act of July 14, 1870, during the past three fiscal years, each year ending June 30:

| ARTICLES. | 1878-79 | | | | 1877-78 | | | | 1876-77 | | | |
|---|-----------|----------------|--------------|--|-----------|----------------|--------------|--|-----------|----------------|--------------|--|
| | Quantity. | Invoice Value. | Duty. | | Quantity. | Invoice Value. | Duty. | | Quantity. | Invoice Value. | Duty. | |
| FREE OF DUTY. | | | | | | | | | | | | |
| Books..... | | \$13,201 | ..... |  | ..... | \$13,769 | ..... |  | ..... | \$5,750 | ..... |  |
| Chemicals, Drugs, etc..... | | 609 | ..... |  | ..... | 5,953 | ..... |  | ..... | 12,070 | ..... |  |
| Gun Strings..... | | 7,233 | ..... |  | ..... | 7,942 | ..... |  | ..... | 12,186 | ..... |  |
| Household and Personal Effects..... | | 604 | ..... |  | ..... | ..... | ..... |  | ..... | 4,702 | ..... |  |
| Tanning Material..... | | 9,084 | ..... |  | ..... | 1,343 | ..... |  | ..... | 5,846 | ..... |  |
| Miscellaneous..... | | | | | | | | | | | | |
| Total free of duty..... | | \$31,331 | ..... |  | ..... | 29,012 | ..... |  | ..... | 39,563 | ..... |  |
| SUBJECT TO DUTY. | | | | | | | | | | | | |
| Books, Engravings, etc..... | | 19,864 | \$4,897 90 |  | ..... | 17,616 | \$1,338 65 |  | ..... | 13,941 | \$3,430 55 | |
| Chemicals, Drugs, etc..... | | 1,181 | 422 13 |  | ..... | 1,830 | 664 15 |  | ..... | 2,407 | 663 47 | |
| Cotton, Manufactures of..... | | 151,083 | 56,710 63 |  | ..... | 66,769 | 24,475 82 |  | ..... | 30,024 | 11,490 70 | |
| China, Earthenware, etc..... | | 70,490 | 29,552 50 |  | ..... | 57,256 | 23,691 20 |  | ..... | 26,726 | 11,365 55 | |
| Fancy Goods, including Toys..... | | 38,181 | 15,606 61 |  | ..... | 23,365 | 14,878 22 |  | ..... | 31,992 | 13,860 40 | |
| Flax, Manufactures of..... | | 107,658 | 39,112 90 |  | ..... | 61,135 | 21,728 10 |  | ..... | 25,275 | 9,142 80 | |
| Common Window Glass..... | 6,900 | 206 | 191 87 | | 20,850 | 1,081 | 466 20 | | 65,598 | 4,335 | 1,705 32 | |
| Glass, Plate..... | 206 | 423 | 118 35 | | 1,211 | 1,105 | 528 10 |  | ..... | ..... | ..... |  |
| Glass, Manufactures of..... | | 14,952 | 5,980 80 |  | ..... | 9,682 | 3,872 80 |  | ..... | 9,255 | 3,694 00 | |
| Chains, Anvils, etc..... | | 1,462 | 645 41 |  | ..... | 5,613 | 2,794 59 |  | ..... | 9,191 | 4,450 12 | |
| Fire-arms..... | 22,061 | 25,168 | 8,808 80 | | 102,888 | 10,783 | 3,774 05 |  | ..... | 17,669 | 6,184 15 | |
| Cutlery..... | | 3,150 | 1,399 95 |  | ..... | 12,376 | 5,779 85 |  | ..... | 6,445 | 2,894 00 | |
| Files..... | 5,900 | 1,911 | 1,013 10 | | 19,203 | 6,295 | 3,326 92 | | 29,959 | 7,381 | 3,837 90 | |
| Iron in Sheets, Bars, etc..... | 100,804 | 11,108 | 3,638 28 | | 61,871 | 11,809 | 5,051 84 |  | ..... | ..... | ..... |  |
| Steel and Steel, Other Manufactures of..... | | 8,967 | 3,735 19 |  | ..... | 7,635 | 783 15 |  | ..... | 6,478 | 2,707 62 | |
| Other Metals and Compositions..... | | 6,485 | 2,250 80 |  | ..... | 2,154 | 827 10 |  | ..... | 3,544 | 1,242 10 | |
| Jewelry and Precious Stones..... | | 2,937 | 895 50 |  | ..... | 3,785 | 1,579 15 |  | ..... | 3,020 | 629 45 | |
| Skins and Manufactures of Leather..... | | 7,441 | 2,022 20 |  | ..... | 7,967 | 2,579 25 |  | ..... | 4,494 | 1,567 65 | |
| Musical Instruments..... | | 37,008 | 11,120 35 |  | ..... | 38,446 | 11,562 25 |  | ..... | 27,760 | 8,217 50 | |
| Paintings and Statuary..... | | 3,964 | 386 40 |  | ..... | 1,594 | 159 40 |  | ..... | 9,523 | 952 30 | |
| Paper, Manufactures of..... | | 6,076 | 2,132 15 |  | ..... | 8,475 | 2,978 30 |  | ..... | 5,429 | 1,912 20 | |
| Silk, Manufactures of..... | | 47,280 | 28,241 10 |  | ..... | 15,121 | 8,964 10 |  | ..... | 14,761 | 6,482 75 | |
| Chairs..... | 1,743 | 6,680 | 6,027 75 |  | ..... | 11,624 | 10,749 88 |  | ..... | 14,761 | 6,482 75 | |
| Clocks, Watches, etc..... | | 57,312 | 17,193 00 | | 3,137 | 6,414 | 2,065 80 | | 1,936 1/2 | 35,590 | 13,244 90 | |
| Glycerine..... | 1,170,633 | ..... | ..... |  | 404,116 | 25,824 | 7,747 20 |  | ..... | 35,590 | 10,677 00 | |
| Soda-ash..... | | | | | 56,650 | 1,081 | 141 62 |  | ..... | 10,670 | 1,506 74 | |
| Salt..... | | | | | 1,288,720 | 2,905 | 1,486 47 |  | ..... | 3,878 | 2,171 85 | |
| Tin-plate..... | 21,290 | 1,352 | 234 08 | | 72,670 | 2,769 | 799 37 |  | ..... | 11,906 | 2,926 00 | |
| Wood, Manufactures of..... | | 6,038 | 2,113 30 |  | ..... | 4,248 | 1,486 80 |  | ..... | 11,906 | 2,926 00 | |
| Wool, Manufactures of..... | | 186,014 | 117,407 22 |  | ..... | 143,960 | 93,343 12 |  | ..... | 74,803 | 49,397 81 | |
| Miscellaneous..... | | 31,469 | 10,739 01 |  | ..... | 21,878 | 8,655 68 |  | ..... | 13,920 | 4,429 78 | |
| Total direct importation..... | | \$896,541 | \$874,616 78 |  | ..... | \$652,528 | \$271,500 43 |  | ..... | \$465,912 | \$179,170 21 | |
| Increase compared with 1877-78..... | | \$261,013 | \$103,226 85 |  | ..... | ..... | ..... |  | ..... | ..... | ..... |  |

Statement of Foreign Merchandise Imported and Appraised at other Ports, and Transported to the Port of Cincinnati, during the past three years, each year ending June 30.

| ARTICLES. | 1878-79 | | | 1877-78 | | | 1876-77 | | |
|---------------------------------------|-----------|----------------|-------------|-----------|----------------|------------|-----------|----------------|-------------|
| | Quantity. | Invoice Value. | Duty. | Quantity. | Invoice Value. | Duty. | Quantity. | Invoice Value. | Duty. |
| FREE OF DUTY. | | | | | | | | | |
| Miscellaneous. | | | | | \$424 | | | | |
| SUBJECT TO DUTY. | | | | | | | | | |
| Rice..... lbs. | 2,500 | \$1,440 | \$575 00 | 11,320 | 6,064 | \$1,728 12 | 141,582 | \$103,405 | \$21,229 92 |
| Barley..... bush. | | | | | | | 187 | 1,768 | 781 00 |
| Champagne..... doz. | | | | | | | 123 7-16 | 476 | 427 39 |
| Cigars..... lbs. | | | | | | | | | |
| Cotton, Manufactures of | | 317 | 126 80 | | | | | | |
| China, Earthenware, etc. | | 1,510 | 619 00 | | | | | | |
| Fancy Goods, including Toys. | | | | | | | | | |
| Fire-arms..... | | | | | | | | | |
| Fruit Juice..... | | 1,812 | 480 50 | | | | | | |
| Gins-ware..... | | 355 | 133 80 | | | | | | |
| Polished Granite..... | | 4,003 | 800 00 | | | | | | |
| Steel in Sheets, Bars, etc. | | 6,692 | 2,167 54 | | | | | | |
| Iron and Steel, Manufactures of | 68,092 | 159 | 75 80 | | | | | | |
| Jewelry and Precious Stones. | | 3,245 | 618 80 | | | | | | |
| Musical Instruments. | | | | | | | | | |
| Paintings..... | | | | | | | | | |
| Paper..... | | | | | | | | | |
| Plate Glass, Silvered..... square ft. | | | | | | | | | |
| Silk, Manufactures of. | | | | | | | | | |
| Spirits..... | 7,832 | 9,252 | 15,718 82 | 4,603 | 4,932 | 9,093 40 | 6,833 | 8,826 | 13,948 50 |
| Wine, in Casks..... proof galls. | 30,422 | 27,172 | 12,286 80 | 16,519 | 14,897 | 6,607 60 | 19,075 | 17,982 | 7,639 00 |
| Wine, in Bottles..... doz. | 474 1/2 | 3,761 | 1,832 00 | 151 | 1,376 | 282 35 | | | |
| Leaf Tobacco..... lbs. | 3,294 | 2,270 | 1,152 90 | 2,020 | 741 | 707 00 | 23,890 | 11,683 | 8,361 50 |
| Wool, Manufactures of. | | | | | | | | | |
| Glycerine..... lbs. | | 2,506 | 1,038 40 | 28,686 | 2,138 | 657 90 | | | |
| Percussion Caps..... | | 1,907 | 503 08 | 775,369 | 84,326 | 8,529 05 | | | |
| Tin plate..... lbs. | 45,994 | 1,532 | 807 03 | | | | 841,645 | 16,962 | 3,738 10 |
| Miscellaneous..... | | | | | | | | 8,096 | 2,386 42 |
| Total | | \$68,078 | \$38,160 92 | | \$8,260 | \$3,451 29 | | \$183,581 | \$92,877 91 |
| Increase compared with 1877-78..... | | | 4,709 03 | | | | | | |
| Decrease..... | | 15,187 | | | | | | | |

TABLE SHOWING THE COLLECTIONS OF INTERNAL REVENUE, ALL SOURCES, IN CINCINNATI, FOR FIVE YEARS,
And in the Sixth Kentucky District for two years, according to the figures prepared by Collector Amor Smith, Jr., and Deputy Collectors W. Y. Taggart, W. G. Dorman,
M. B. Ewing and Mr. J. A. Wirthwine, of Cincinnati, and Collector W. S. Holden, of Covington.

| | CINCINNATI | | | | | SIXTH KENTUCKY DISTRICT. | |
|--|-----------------|----------------|-----------------|----------------|----------------|--------------------------|----------------|
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1878-79 | 1877-78 |
| DISTILLED SPIRITS. | | | | | | | |
| Tax on spirits, at 50 cents per gallon..... | | | | | | | |
| " " 70 " "..... | | | | | | | |
| " " 90 " "..... | | | | | | | |
| Rectified Stamps..... | \$8,784,161 90 | \$7,507,742 80 | \$7,804,242 00 | \$50,045 80 | \$4,170,050 50 | \$2,167,839 00 | \$1,882,170 53 |
| Wholesale liquor stamps..... | 25,600 80 | 24,006 40 | 23,190 50 | 7,348,639 50 | 1,482,514 20 | 8,130 00 | 6,230 00 |
| Distillery warehouse stamps..... | 2,293 80 | 1,878 00 | 1,779 60 | 21,875 20 | 24,729 80 | 1,506 50 | 1,168 90 |
| Export stamps..... | 20,783 20 | 17,384 90 | 15,831 60 | 2,084 90 | 2,890 00 | 6,048 90 | 5,159 60 |
| Other kinds of taxes..... | 427 50 | 205 00 | | 13,647 00 | 13,800 00 | 20 60 | |
| 1 60..... | | | | | | 6,835 11 | |
| Total..... | \$8,841,218 80 | \$7,551,217 10 | \$7,845,043 70 | \$7,436,292 40 | \$6,143,975 50 | \$2,190,380 11 | \$1,895,428 13 |
| BEER. | | | | | | | |
| Tax on beer (less 7½ per cent. discount allowed for sour beer) at \$1 00 per barrel..... | \$316,905 87 | \$509,229 88 | \$439,571 81 | \$440,510 92 | \$418,264 21 | \$44,159 50 | \$41,134 75 |
| TOBACCO, CIGARS AND SNUFF. | | | | | | | |
| Tax on smoking and chewing tobacco, cigars and snuff..... | \$1,349,845 14 | \$1,621,460 98 | \$1,576,208 96 | \$1,697,565 81 | \$1,515,133 17 | \$648,808 41 | \$544,094 22 |
| BANKS. | | | | | | | |
| Tax on bank deposits (1-24 of 1 per cent. per month)..... | \$27,906 16 | \$37,044 67 | \$40,512 61 | \$42,171 84 | \$41,315 40 | \$3,293 89 | \$3,724 30 |
| " capital (1-24 of 1 per cent. per month)..... | 6,609 61 | 7,046 76 | 6,890 19 | 8,578 10 | 8,548 72 | 3,776 06 | 3,391 69 |
| Total..... | \$34,566 77 | \$44,091 43 | \$47,432 80 | \$50,749 94 | \$49,194 12 | \$7,069 95 | \$7,115 99 |
| SPECIAL TAXES (LICENCES), ETC. | | | | | | | |
| Rectifiers..... | \$8,566 73 | \$12,483 33 | \$15,000 00 | \$16,216 66 | \$14,900 00 | \$1,216 67 | \$1,600 00 |
| Wholesale liquor dealers..... | 18,345 83 | 17,816 67 | 19,250 00 | 19,625 00 | 19,116 66 | 3,058 33 | 3,900 10 |
| Retail liquor dealers..... | 80,543 78 | 77,543 34 | 75,108 33 | 76,012 50 | 74,158 75 | 15,625 00 | 14,322 88 |
| Brewers..... | 2,375 00 | 2,140 00 | 2,508 33 | 2,875 83 | 2,516 66 | 1,633 33 | 758 33 |
| Still or worms for distilling manufactured..... | 20 00 | 50 00 | 50 00 | 180 00 | 40 00 | | |
| Manufacturers of stills..... | 24 99 | | 108 74 | 187 50 | 87 50 | | |
| Manufacturers of cigars and tobacco, dealers in manufac- tured and leaf tobacco, and peddlers of tobacco..... | 28,777 42 | 27,784 58 | 27,103 75 | 27,240 00 | 25,721 67 | 9,222 63 | 10,861 61 |
| Total..... | \$138,653 75 | \$137,777 92 | \$139,158 75 | \$142,337 50 | \$136,541 25 | \$28,755 96 | \$30,942 92 |
| OTHER SOURCES. | | | | | | | |
| Tax collected from other sources..... | \$10,032 06 | \$3,391 65 | \$10,050 43 | \$10,191 15 | \$19,191 20 | \$14,759 24 | \$7,207 18 |
| Tax all sources..... | \$10,891,124 39 | \$9,867,068 96 | \$10,037,466 47 | \$9,777,677 72 | \$8,298,290 45 | \$2,938,932 17 | \$2,635,923 19 |

FINANCIAL.

The commercial year of 1878-79 was distinguished by notable events. It brought the successful resumption of specie payment on the first day of January, the extraordinary success of the refunding operations of the Government, an easy money market during the whole year, low rates of interest, and the return of permanently improved times. The rate of discount on good business paper during most of the year was 6@7 per cent., the inside the prevailing rate, while much paper was negotiated at 5 per cent. during the summer, and in exceptional cases, on Government collaterals, 4 per cent. was taken. Call loans ranged from 4 to 5 per cent. There was the least paper on the street in many years. Paper, throughout, was paid with remarkable promptness. During the summer especially there was an abundance of money, large amounts here going into Government 4 per cent. bonds. A noticeable feature was the demand for these bonds from the working classes, who, since the disasters to savings banks, have sought them as an investment for their savings, a demand which shows little abatement. There was very little inquiry for money for real estate operations. The line of discounts and deposits was small until toward the close of the commercial year, when business, under the stimulation of good crops, revived hopes and increased inquiry for manufactured products, began to show pronounced indications of an improved condition.

The rates of eastern exchange ranged from 50 cents discount on \$1,000 buying, to 50 cents premium on \$1,000 selling.

The list which follows embraces banks and bankers, with the capital of each, that were members of the Cincinnati Clearing House Association, September 1st, 1879, as the same has been furnished by George P. Bassett, Esq., Manager of the Association. It will be observed that the aggregate banking capital has been reduced, since the last report, \$903,000.

| NATIONAL BANKS. | | | |
|--|-------------|----------------------------|-----------|
| First National Bank..... | \$1,200,000 | Franklin Bank..... | \$300,000 |
| Second National Bank..... | 200,000 | Espy, Heidelbach & Co..... | 140,000 |
| Third National Bank..... | 800,000 | Seasongood, Sons & Co..... | 120,000 |
| Fourth National Bank..... | 500,000 | H. W. Hughes & Co..... | 100,000 |
| Merchants' National Bank..... | 1,000,000 | Jos. F. Larkin & Co..... | 103,000 |
| National Lafayette & Bank of Commerce..... | 400,000 | German Banking Co..... | 250,000 |
| PRIVATE BANKS AND BANKERS. | | Western German Bank..... | 100,000 |
| Commercial Bank..... | 200,000 | S. Kuhn & Sons..... | 50,000 |
| | | Bank of Cincinnati..... | 100,000 |

| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total National Banks..... | \$4,100,000 | \$4,300,000 | \$4,400,000 | \$4,400,000 | \$4,000,090 | \$4,000,000 |
| Total Private Banks..... | 1,465,000 | 2,168,000 | 2,428,000 | 2,385,000 | 2,710,000 | 2,654,000 |
| Grand Totals..... | \$5,565,000 | \$6,468,000 | \$6,828,000 | \$6,785,000 | \$6,740,000 | \$6,654,000 |

The approximate daily premium on gold in New York City, during a period of seventeen years, will be seen in the succeeding tables. In each year the highest rate is given when the market was advancing and the lowest rate when declining, the whole number nearest the fraction being given, with the exception of the past three years in which the fraction has been preserved, it having been, on account of the comparatively low premium, more difficult to exhibit the real condition by whole numbers. On the 17th day of December, 1878, the premium on gold entirely disappeared in New York, and it has since remained at par, there not only having been no demand for gold, but an absolute preference for currency:

PREMIUM ON GOLD IN NEW YORK.

| DATES. | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Sept. | 1 | 17 | 27 | 148 | 45 | 47 | 45 | 33 | 17 | 13 | 16 | 10 | 14 | 10 | 3 | 7 | |
| | 2 | 17 | 28 | 154 | 44 | 47 | 41 | 34 | 16 | 13 | 16 | 10 | 15 | 9 | 9 | | |
| | 3 | 18 | 31 | 136 | 45 | 41 | 45 | 36 | 14 | 13 | 16 | 10 | 15 | 9 | 9 | | |
| | 4 | 18 | 31 | 136 | 45 | 41 | 45 | 36 | 14 | 13 | 16 | 10 | 15 | 9 | 9 | | |
| | 5 | 19 | 31 | 143 | 45 | 46 | 42 | 44 | 14 | 13 | 13 | 15 | 9 | 9 | 9 | | |
| | 6 | 19 | 31 | 143 | 45 | 46 | 42 | 44 | 14 | 13 | 13 | 15 | 9 | 9 | 9 | | |
| | 7 | 19 | 32 | 135 | 45 | 46 | 41 | 35 | 13 | 13 | 12 | 13 | 15 | 9 | 9 | | |
| | 8 | 19 | 32 | 135 | 45 | 46 | 41 | 35 | 13 | 13 | 12 | 13 | 15 | 9 | 9 | | |
| | 9 | 18 | 32 | 136 | 45 | 44 | 44 | 35 | 14 | 14 | 13 | 12 | 10 | 16 | 10 | 9 | |
| | 10 | 18 | 31 | 118 | 45 | 46 | 44 | 35 | 13 | 13 | 11 | 10 | 17 | 10 | 10 | 9 | |
| | 11 | 18 | 29 | 45 | 46 | 45 | 41 | 36 | 14 | 13 | 12 | 9 | 16 | 10 | 10 | 9 | |
| | 12 | 18 | 29 | 125 | 44 | 46 | 46 | 44 | 14 | 14 | 13 | 12 | 9 | 10 | 9 | 9 | |
| | 13 | 18 | 29 | 125 | 44 | 46 | 46 | 44 | 14 | 14 | 13 | 12 | 9 | 10 | 9 | 9 | |
| | 14 | 30 | 128 | 44 | 45 | 45 | 44 | 37 | 15 | 13 | 13 | 10 | 17 | 10 | 9 | 9 | |
| | 15 | 17 | 32 | 129 | 43 | 45 | 44 | 36 | 14 | 13 | 15 | 11 | 10 | 17 | 10 | 9 | |
| | 16 | 16 | 32 | 124 | 43 | 44 | 45 | 36 | 15 | 14 | 11 | 10 | 16 | 10 | 9 | 9 | |
| | 17 | 16 | 32 | 121 | 45 | 45 | 41 | 37 | 14 | 14 | 11 | 10 | 16 | 10 | 9 | 9 | |
| | 18 | 16 | 33 | 121 | 45 | 45 | 45 | 36 | 15 | 11 | 12 | 10 | 17 | 9 | 9 | 9 | |
| | 19 | 16 | 34 | 126 | 44 | 45 | 44 | 34 | 14 | 15 | 12 | 10 | 10 | 10 | 9 | 9 | |
| | 20 | 17 | 127 | 44 | 44 | 43 | 37 | 13 | 14 | 14 | 11 | 11 | 18 | 10 | 10 | 9 | |
| | 21 | 39 | 120 | 41 | 44 | 43 | 44 | 37 | 14 | 14 | 13 | 11 | 9 | 16 | 9 | 9 | |
| | 22 | 17 | 37 | 116 | 44 | 44 | 44 | 40 | 13 | 15 | 11 | 10 | 16 | 10 | 9 | 9 | |
| | 23 | 18 | 37 | 111 | 44 | 44 | 42 | 13 | 13 | 15 | 14 | 12 | 10 | 16 | 10 | 9 | |
| | 24 | 19 | 36 | 100 | 44 | 44 | 42 | 12 | 12 | 13 | 11 | 10 | 17 | 10 | 9 | 9 | |
| | 25 | 21 | 38 | 44 | 45 | 44 | 42 | 14 | 14 | 11 | 11 | 9 | 16 | 10 | 9 | 9 | |
| | 26 | 20 | 39 | 85 | 44 | 45 | 42 | 14 | 15 | 14 | 14 | 10 | 10 | 10 | 9 | 9 | |
| | 27 | 21 | 39 | 85 | 45 | 45 | 43 | 14 | 15 | 13 | 13 | 17 | 9 | 9 | 9 | 9 | |
| | 28 | 40 | 105 | 41 | 45 | 43 | 41 | 31 | 14 | 15 | 13 | 11 | 10 | 17 | 9 | 9 | |
| | 29 | 23 | 43 | 94 | 44 | 46 | 43 | 32 | 13 | 14 | 13 | 11 | 18 | 10 | 9 | 9 | |
| | 30 | 24 | 42 | 94 | 44 | 44 | 43 | 42 | 30 | 13 | 15 | 11 | 11 | 10 | 17 | 9 | |
| Oct. | 1 | 24 | 40 | 94 | 46 | 43 | 41 | 30 | 14 | 14 | 11 | 11 | 16 | 10 | 9 | 9 | |
| | 2 | 23 | 43 | 44 | 49 | 44 | 39 | 30 | 14 | 14 | 10 | 18 | 10 | 10 | 9 | 9 | |
| | 3 | 22 | 43 | 89 | 45 | 48 | 45 | 40 | 13 | 14 | 15 | 10 | 10 | 10 | 9 | 9 | |
| | 4 | 23 | 43 | 92 | 47 | 48 | 45 | 40 | 13 | 14 | 15 | 10 | 10 | 10 | 9 | 9 | |
| | 5 | 44 | 89 | 47 | 49 | 45 | 40 | 30 | 13 | 15 | 14 | 11 | 17 | 9 | 9 | 9 | |
| | 6 | 22 | 47 | 97 | 49 | 49 | 40 | 31 | 13 | 14 | 10 | 10 | 16 | 9 | 9 | 9 | |
| | 7 | 23 | 46 | 104 | 47 | 45 | 31 | 14 | 15 | 12 | 10 | 17 | 9 | 9 | 9 | 9 | |
| | 8 | 24 | 45 | 97 | 49 | 45 | 40 | 30 | 14 | 13 | 10 | 10 | 16 | 9 | 9 | 9 | |
| | 9 | 26 | 47 | 49 | 44 | 40 | 31 | 13 | 12 | 9 | 11 | 16 | 9 | 9 | 9 | 9 | |
| | 10 | 29 | 49 | 96 | 46 | 51 | 44 | 39 | 14 | 13 | 8 | 10 | 9 | 9 | 9 | 9 | |
| | 11 | 28 | 103 | 45 | 51 | 43 | 30 | 13 | 14 | 12 | 8 | 16 | 9 | 9 | 9 | 9 | |
| | 12 | 50 | 104 | 46 | 53 | 43 | 38 | 30 | 14 | 15 | 13 | 10 | 9 | 9 | 9 | 9 | |
| | 13 | 29 | 55 | 109 | 45 | 53 | 37 | 30 | 13 | 15 | 8 | 10 | 17 | 9 | 9 | 9 | |
| | 14 | 33 | 52 | 117 | 45 | 45 | 37 | 30 | 13 | 14 | 12 | 9 | 10 | 17 | 9 | 9 | |
| | 15 | 32 | 56 | 120 | 51 | 44 | 37 | 30 | 14 | 13 | 8 | 10 | 17 | 9 | 9 | 9 | |
| | 16 | 32 | 54 | 46 | 49 | 44 | 37 | 30 | 13 | 13 | 8 | 10 | 16 | 9 | 9 | 9 | |
| | 17 | 32 | 49 | 122 | 46 | 48 | 43 | 36 | 13 | 14 | 8 | 10 | 9 | 9 | 9 | 9 | |
| | 18 | 30 | 106 | 46 | 48 | 44 | 30 | 12 | 13 | 12 | 8 | 17 | 11 | 9 | 9 | 9 | |
| | 19 | 52 | 111 | 47 | 47 | 44 | 37 | 30 | 13 | 12 | 13 | 10 | 16 | 10 | 9 | 9 | |
| | 20 | 29 | 49 | 111 | 47 | 47 | 37 | 30 | 13 | 12 | 8 | 11 | 16 | 10 | 9 | 9 | |
| | 21 | 29 | 43 | 107 | 46 | 44 | 36 | 31 | 12 | 13 | 13 | 8 | 10 | 16 | 10 | 9 | |
| | 22 | 33 | 42 | 113 | 47 | 43 | 35 | 31 | 13 | 13 | 9 | 10 | 15 | 9 | 9 | 9 | |
| | 23 | 33 | 46 | 46 | 47 | 41 | 34 | 31 | 13 | 13 | 8 | 10 | 14 | 10 | 9 | 9 | |
| | 24 | 32 | 47 | 116 | 46 | 47 | 43 | 34 | 11 | 11 | 9 | 10 | 9 | 9 | 9 | 9 | |
| | 25 | 30 | 118 | 46 | 47 | 43 | 31 | 11 | 11 | 13 | 9 | 16 | 9 | 9 | 9 | 9 | |
| | 26 | 49 | 112 | 46 | 47 | 42 | 34 | 30 | 12 | 12 | 13 | 10 | 16 | 9 | 9 | 9 | |
| | 27 | 31 | 46 | 117 | 46 | 46 | 34 | 30 | 11 | 12 | 8 | 10 | 16 | 9 | 9 | 9 | |
| | 28 | 31 | 48 | 121 | 46 | 42 | 34 | 29 | 12 | 11 | 9 | 10 | 17 | 9 | 9 | 9 | |
| | 29 | 30 | 46 | 46 | 46 | 41 | 34 | 29 | 12 | 11 | 8 | 10 | 16 | 9 | 9 | 9 | |
| | 30 | 29 | 45 | 127 | 46 | 46 | 41 | 34 | 11 | 12 | 13 | 8 | 10 | 16 | 9 | 9 | |
| Nov. | 1 | 29 | 141 | 46 | 47 | 41 | 28 | 11 | 12 | 12 | 8 | 16 | 10 | 9 | 9 | 9 | |
| | 2 | 46 | 146 | 47 | 47 | 41 | 33 | 27 | 11 | 12 | 11 | 7 | 15 | 9 | 9 | 9 | |
| | 3 | 46 | 147 | 47 | 48 | 33 | 27 | 10 | 11 | 11 | 7 | 15 | 9 | 9 | 9 | 9 | |
| | 4 | 46 | 138 | 47 | 40 | 33 | 27 | 11 | 11 | 12 | 7 | 10 | 16 | 9 | 9 | 9 | |
| | 5 | 32 | 47 | 144 | 48 | 10 | 33 | 27 | 10 | 11 | 7 | 10 | 15 | 9 | 9 | 9 | |
| | 6 | 32 | 48 | 47 | 48 | 33 | 26 | 10 | 12 | 12 | 6 | 10 | 16 | 9 | 9 | 9 | |
| | 7 | 32 | 46 | 145 | 47 | 38 | 34 | 10 | 12 | 12 | 8 | 11 | 10 | 15 | 9 | 9 | |
| | 8 | 32 | 149 | 47 | 47 | 39 | 27 | 10 | 11 | 13 | 8 | 14 | 9 | 9 | 9 | 9 | |
| | 9 | 46 | 160 | 47 | 46 | 39 | 35 | 26 | 10 | 11 | 13 | 10 | 15 | 9 | 9 | 9 | |
| | 10 | 33 | 45 | 143 | 47 | 45 | 34 | 27 | 11 | 11 | 8 | 11 | 14 | 9 | 9 | 9 | |
| | 11 | 31 | 45 | 144 | 47 | 39 | 35 | 26 | 11 | 11 | 7 | 10 | 15 | 9 | 9 | 9 | |
| | 12 | 31 | 47 | 145 | 45 | 39 | 35 | 27 | 11 | 11 | 7 | 11 | 14 | 9 | 9 | 9 | |
| | 13 | 31 | 47 | 145 | 45 | 39 | 35 | 27 | 11 | 11 | 7 | 11 | 14 | 9 | 9 | 9 | |
| | 14 | 32 | 47 | 146 | 47 | 44 | 40 | 34 | 11 | 12 | 13 | 9 | 11 | 14 | 9 | 9 | |
| | 15 | 31 | 139 | 47 | 45 | 41 | 27 | 11 | 11 | 14 | 9 | 14 | 9 | 9 | 9 | 9 | |
| | 16 | 47 | 128 | 47 | 43 | 40 | 37 | 27 | 12 | 14 | 9 | 12 | 14 | 9 | 9 | 9 | |
| | 17 | 32 | 48 | 118 | 47 | 42 | 34 | 27 | 12 | 11 | 9 | 11 | 15 | 9 | 9 | 9 | |
| | 18 | 32 | 50 | 110 | 47 | 39 | 35 | 26 | 13 | 11 | 14 | 10 | 15 | 9 | 9 | 9 | |
| | 19 | 30 | 53 | 125 | 40 | 39 | 34 | 26 | 12 | 13 | 9 | 12 | 15 | 9 | 9 | 9 | |
| | 20 | 30 | 53 | 47 | 41 | 40 | 35 | 26 | 10 | 13 | 9 | 12 | 15 | 9 | 9 | 9 | |
| | 21 | 30 | 54 | 117 | 47 | 41 | 40 | 34 | 12 | 10 | 14 | 10 | 11 | 9 | 9 | 9 | |
| | 22 | 30 | 129 | 47 | 39 | 39 | 26 | 12 | 10 | 13 | 11 | 15 | 9 | 9 | 9 | 9 | |
| | 23 | 54 | 120 | 47 | 39 | 40 | 35 | 26 | 12 | 11 | 13 | 12 | 14 | 9 | 9 | 9 | |
| | 24 | 30 | 50 | 47 | 38 | 35 | 26 | 10 | 10 | 12 | 14 | 9 | 9 | 9 | 9 | 9 | |
| | 25 | 29 | 49 | 121 | 47 | 40 | 35 | 25 | 12 | 11 | 13 | 10 | 11 | 9 | 9 | 9 | |
| | 26 | 29 | 125 | 47 | 41 | 40 | 35 | 26 | 10 | 13 | 9 | 12 | 15 | 9 | 9 | 9 | |
| | 27 | 45 | 48 | 44 | 39 | 35 | 24 | 10 | 10 | 13 | 9 | 14 | 9 | 9 | 9 | 9 | |
| | 28 | 29 | 44 | 134 | 48 | 44 | 39 | 35 | 11 | 10 | 10 | 12 | 15 | 9 | 9 | 9 | |
| | 29 | 29 | 136 | 49 | 39 | 39 | 22 | 11 | 10 | 13 | 9 | 15 | 9 | 9 | 9 | 9 | |
| | 30 | 48 | 127 | 49 | 41 | 38 | 36 | 22 | 10 | 13 | 12 | 15 | 9 | 9 | 9 | 9 | |
| DATES. | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| December | 1 | 31 | 48 | 129 | 48 | 41 | 37 | 35 | 13 | 10 | 10 | 9 | 12 | 15 | 9 | 9 | |
| | 2 | 31 | 48 | 134 | 48 | 41 | 37 | 35 | 13 | 10 | 10 | 9 | 12 | 15 | 9 | 9 | |
| | 3 | 32 | 52 | 128 | 41 | 37 | 35 | 12 | 12 | 12 | 12 | 9 | 12 | 14 | 9 | 9 | |
| | 4 | 34 | 52 | 128 | 46 | 39 | 37 | 35 | 12 | 10 | 13 | 9 | 12 | 14 | 9 | 9 | |
| | 5 | 31 | 32 | 130 | 48 | 39 | 37 | 35 | 10 | 10 | 13 | 9 | 12 | 14 | 9 | 9 | |
| | 6 | 30 | 135 | 48 | 40 | 38 | 23 | 11 | 9 | 13 | 10 | 15 | 9 | 9 | 9 | 9 | |
| | 7 | 52 | 143 | 46 | 34 | 37 | 87 | 23 | 10 | 10 | 13 | 11 | 14 | 9 | 9 | 9 | |
| | 8 | 52 | 143 | 4 | | | | | | | | | | | | | |

*** PREMIUM ON GOLD IN NEW YORK—Continued.**

| Dates. | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| March 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 2 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 4 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 5 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 6 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 7 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 8 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 10 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 12 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 13 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 14 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 15 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 16 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 17 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 19 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 20 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 21 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 22 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 23 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 24 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 25 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 26 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 27 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 28 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 29 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 30 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 31 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| April 1 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 3 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 5 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 7 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 9 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 11 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 13 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 14 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 15 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 17 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 18 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 19 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 20 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 21 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 22 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 23 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 24 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 25 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 26 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 27 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 28 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 29 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 30 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 31 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| May 1 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 3 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 5 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 7 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 9 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 11 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 13 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 14 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 15 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 17 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 18 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 19 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 20 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 21 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 22 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 23 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 |
| 24 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | |

* Gold at par on and after December 17, 1878.

THE WEATHER.

The following information, with sundry tables relating to the weather at Cincinnati, during the past year, has been furnished by NELSON GOROM, ESQ., Observer of the Signal Service Department of the United States Army, at this city. It is the most complete statement of the results of meteorological observations at this city which the Signal Office has furnished the Chamber, and besides being valuable, is exceedingly creditable to the capable and faithful officer to which the Government has committed its interests at this city.

September, 1878:—Month remarkable for number of clear days and mild weather. A deficiency of 0.48° in mean temperature, and an excess of 0.74 in. in average rain-fall. Fogs and halos frequent. Nearly one-half of precipitation during the month fell between the 10th and 13th. Following the heavy rains of the 12th and 13th at the headwaters, a heavy rise occurred in the Ohio at Pittsburgh, the river at that point rising from 3 ft. on the 13th, to 10 ft. 8 in. on the 14th, thereby letting out six and a half million bushels of coal. The rise reached this city on the 15th, when the river rose 20 ft. 8 in. in the 24 hours ending at 3 P. M. that date. This was the most rapid rise on record at this point. Considerable damage was done to property along the river. Heavy drift, with fragments of houses, barges etc., were passing this point for several days thereafter.

October:—Month noted for the number of clear days, mean temperature 0.85° above the average. A deficiency of 0.32 inches in the average precipitation. Fogs and halos frequent. First frost occurred on the 12th. Frosts were quite frequent after that date. First ice observed on the 23d, and first snow of season on the 27th.

November:—Few rainy days, and unusually high mean temperature, the excess being nearly 4° above the average. Fogs, frosts and halos frequent. A deficiency in the precipitation of 0.38.

December:—Month noted for large number of cloudy days, and days on which there was precipitation. Only two clear days. An excess in precipitation of 0.56 inches. Mean temperature 5.68° below the average. Heavy snow storm on the 20th. Canal frozen over on the 19th, and navigation on the river suspended on account of the heavy ice after the 25th. The Licking frozen over on the 23d, and ice eight inches in thickness by the 30th. Temperature -1 on the 24th.

January, 1879:—Unusually low temperature on the 3d. Small amount of precipitation, the deficiency being 1.20, and large range of temperature; range being 74 , the greatest range observed since the establishment of the Signal Office. Mean temperature 2.19° below the average. Unusual low temperature prevailed over the Northwest Territory of British America during the 1st and 2d: -60° at Battlefield, the capital of the Northwest Territory; -35° at Fort Pelly, and -29° at Winnipeg. Lowest temperature in the United States -32° , at Pembina, on the 1st, and at Breckenridge on the 2d. The polar wave struck this city about midnight of the 2d, at which time the thermometer indicated -5° , reaching its lowest point at 6:30 A. M. on the 3d, when it indicated -10° , the lowest ever recorded by the service in this city. Thermometers exposed on the neighboring hilltops ranged from 15° to 20° below. Minimum thermometer ranged from -2.5° to -10° , from the 2d to the 5th. Deaths from freezing were reported at numerous places in the Northwest, and railroads had to suspend operations on account of the extreme temperatures. With the exception of a few arrivals and departures on the 1st and 2d, navigation remained suspended until the 15th. The river was open from Parkersburg to New Orleans on the 24th. Pedestrians crossed the river on the ice from the 3d to the 12th. The rapid rise of the Kanawha, Guban and Big Sandy Rivers on the 10th caused great anxiety in this city, and the river men, underwriters and coal men employed towboats, etc., and set to work at once to break up the ice in front of the city. The rise from above reached here on the 13th, and the ice in front of the city broke at 4:00 P. M. on that date. A few slight damages occurred, but nothing like the disasters of former years took place, which may be attributed to the precautions taken by the parties most interested. Frosts and halos frequent.

February:—Noted for the large number of days there was precipitation. Heavy snow-storm on the 17th, Frosts and halos frequent. Mean temperature 2.58° below the average. Deficiency of 0.44 in the precipitation.

March:—Large number of fair days and high mean temperature, the mean being nearly 3° above the average. There was an excess of 1.41 in in precipitation. Frosts and halos frequent. Heavy snow storm on the 16th, the only fall of snow during the month. Heavy rain storm on the 22d. Four thunder-storms in the month.

April:—Great number of clear days and solar halos. Frosts frequent. Mean temperature 0.58° below the average. Nearly an inch deficiency in rain-fall. Only .10 fell after the 16th. Last frost of the season occurred on the 22d. Three thunder-storms during the month.

May:—Large number of clear and fair days. Rain fell on only eight days. Mean temperature 2.06° above the average. Deficiency of 1.40 inches in rain-fall. Only one cloudy day during the month on which rain did not fall. Violent rain storm on the morning of the 26th; 2.20 inches fell between the hours of 10:45 P. M., 25th, and 7:00 A. M., 26th, the greater portion falling between 12:55 and 1:30 A. M., of 26th. Five thunder storms during the month. Light hail storms on the 13th and 26th. Halos frequent. Only .86 inches of rain fell previous to the 25th.

June:—Large number of clear days. Heavy dew during nights, and light fogs in the mornings. Mean temperature 1.27° below the average. An excess of 0.62 inches in the amount of rain-fall. Heavy rains on the 10th and 27th; on the 10th 1.30 inches fell in twenty-five minutes. Light hail on the 10th. Four thunder storms during the month.

July.—Large number of clear and fair days. Numerous thunder storms, and sudden and heavy showers. Only two cloudy days on which no rain fell. Mean temperature 2.08° above the average. Mean temperature of 11th was 89° , the highest daily mean ever observed at this station, and equal to the mean of July 7th, 1874, when the maximum thermometer reached 103° . Great number of prostrations from heat reported during the "heated term." A deficiency of 2.53 inches in the amount of rain-fall. Heavy showers fell on the 9th, 10th and 23d; on the 10th .60 inches fell in seventeen minutes. Eight thunder storms during the month. Heavy dew at night, and fogs in the morning were frequent. Only three solar halos observed.

August.—Remarkable for the number of sudden and heavy rains, large number of rainy days, and unusual large amount of rain-fall, the excess being 7.27 inches above the average. With but two exceptions, it was clear every day during the month on which rain did not fall. Mean temperature 2.58° below the average. Solar and lunar halos observed on the 5th. During the heavy rain of the 5th 1.46 inches fell in twenty minutes. Five thunder storms during the month. Heavy dew at night, and fog in the morning frequent.

METEOROLOGICAL DATA FOR THE YEAR ENDING AUGUST 31, 1879.

TEMPERATURE.

The mean temperature of the year was 55.41° , which is 0.32° below the average for the past eight years.
 The highest temperature was 98° , July 11th and 16th.
 The lowest temperature was -10° , January 3.
 The yearly range of temperature was 108° .
 The coldest month was January, with a mean temperature of 31.02° .
 The coldest week was from January 1st to 7th, with a mean temperature of 12.21° .
 The coldest day was January 3d, with a mean temperature of -1.00° .
 The mercury fell to zero or below six times, as follows: December, one time; January, five times.
 The warmest month was July, with a mean temperature of 81.31° .
 The warmest week was from July 10th to 16th, with a mean temperature of 85.25° .
 The warmest day was July 11th, with a mean temperature of 89.00° .
 The mercury reached or exceeded 90° twenty-two times, as follows: June, two times; July, sixteen times, and August, four times.
 The greatest monthly range of temperature was 74° , January.
 The least monthly range of temperature was 54° , July.
 The mean monthly range of temperature was 48.9° .
 The greatest daily range of temperature was 41° , February.
 The least daily range of temperature was 5° .
 The mean daily range of temperature was 16.61° .
 The mean temperature of Autumn was 57.46° , Winter 32.14° , Spring 55.99° , Summer 76.04° .
 The average temperature for past eight years of Autumn was 56.11° , Winter 35.62° , Spring 54.51° , Summer 76.63° .
 The first light frost of Autumn was on October 12th.
 The last light frost of Spring was on April 22d.

RAIN, ETC.

The entire amount of rain and melted snow was 47.67 inches, which is 6.15 inches above the average precipitation of seven preceding years.
 The longest interval without rain of any consequence was from April 17th to May 25th, only .96 falling during that period.
 The rain-fall by seasons was as follows: Autumn, 8.00; Winter, 8.31; Spring, 11.67; Summer, 19.69.
 The average of the seven preceding years was as follows: Autumn, 7.96; Winter, 9.39; Spring, 9.85; Summer, 14.33.
 The number of thunder storms was thirty.
 The number of hail storms was three.
 The first snow of Autumn was on October 27th.
 The last snow of Spring was on April 3d.

There were 103 clear, 80 fair, and 35 cloudy days, other than those on which rain or snow fell.
 The mean relative humidity was 62.38 per cent.
 The average relative humidity for past eight years was 64.19 per cent.
 The driest month was May, with a mean of 52.85 per cent.
 The dampest month was December, with a mean of 69.14 per cent.

WINDS.

The prevailing direction of the wind was south-east.
 The total movement of air during the year was 51,970 miles.
 The greatest monthly velocity was 5.149 miles, December.
 The least monthly velocity was 3.874 miles, August.
 The greatest daily velocity was 327 miles, April.
 The least daily velocity was 48 miles, July.
 The maximum hourly velocity was 25 miles.

BAROMETRICAL OBSERVATIONS.

Barometer corrected for temperature and elevation above sea level (620.422 feet).
 Mean barometer was 30.063.
 Highest barometer was 30.660, February 27th.
 Lowest barometer was 29.342, November 27th.
 Annual range of barometer was 1.318.
 Highest monthly pressure was 30.194, January.
 Least monthly pressure was 29.963, July.
 Greatest monthly range was 1.213, December.
 Least monthly range was .565, July.
 Average monthly range was .378.

Table showing the barometrical and thermometrical conditions at Cincinnati, for each month in the year, ending August 31, 1879:

| | * BAROMETER (INCHES). | | | | | THERMOMETER (DEGREES). | | | | | | | | | | | | | | |
|----------------|-----------------------|--------------------|--------------------|---------------------|----------------------|------------------------|----------------|--|---------------|--------------------|---------------------|-----------------|--------------------|-----------------|---------------------|----------|----------|----------------|------------------|------------------|
| | Monthly Mean. | Mean at 7.05 A. M. | Mean at 4.05 P. M. | Mean at 10.30 P. M. | Maximum as Observed. | Minimum as Observed. | Monthly Range. | Av. pressure for past eight years, Chittl. | Monthly Mean. | Mean at 7.05 A. M. | Mean at 11.30 A. M. | Mean at 2 P. M. | Mean at 4.05 P. M. | Mean at 9 P. M. | Mean at 10.30 P. M. | Maximum. | Minimum. | Monthly Range. | Mean of Maximum. | Mean of Minimum. |
| 1878-79 | | | | | | | | | | | | | | | | | | | | |
| September..... | 30.067 | 30.102 | 30.022 | 30.067 | 30.466 | 29.755 | .711 | 30.020 | 67.99 | 62.90 | 71.80 | 71.00 | 74.60 | 67.53 | 66.30 | 88 | 48 | 40 | 75.98 | 60.53 |
| October..... | 30.084 | 30.117 | 30.051 | 30.081 | 30.465 | 29.735 | .670 | 30.058 | 56.60 | 50.98 | 69.36 | 62.84 | 62.48 | 56.32 | 55.00 | 82 | 39 | 52 | 65.87 | 47.14 |
| November..... | 30.066 | 30.081 | 30.028 | 30.058 | 30.451 | 29.842 | 1.112 | 30.067 | 47.78 | 43.10 | 49.87 | 52.57 | 52.50 | 47.73 | 46.40 | 66 | 28 | 38 | 61.27 | 40.36 |
| December..... | 30.119 | 30.140 | 30.045 | 30.136 | 30.655 | 29.842 | 1.213 | 30.121 | 31.43 | 26.61 | 32.18 | 33.97 | 34.06 | 31.58 | 31.03 | 59 | 1 | 53 | 36.94 | 25.06 |
| January..... | 30.191 | 30.217 | 30.175 | 30.186 | 30.602 | 29.684 | 1.918 | 30.152 | 81.02 | 25.81 | 30.77 | 31.42 | 31.74 | 81.94 | 30.68 | 61 | 10 | 71 | 98.55 | 22.40 |
| February..... | 30.149 | 30.163 | 30.130 | 30.162 | 30.660 | 29.470 | 1.190 | 30.085 | 33.96 | 29.25 | 35.02 | 37.61 | 38.14 | 43.34 | 33.36 | 61 | 6.5 | 54.5 | 41.25 | 26.01 |
| March..... | 30.117 | 30.158 | 30.085 | 30.102 | 30.573 | 29.596 | 1.077 | 30.085 | 45.77 | 40.65 | 47.55 | 50.68 | 51.00 | 45.87 | 44.68 | 74 | 18 | 56 | 53.55 | 37.53 |
| April..... | 30.093 | 30.047 | 29.965 | 29.989 | 30.464 | 29.451 | 1.013 | 30.085 | 54.02 | 47.03 | 56.90 | 50.38 | 60.30 | 54.87 | 52.97 | 82 | 23 | 59 | 62.62 | 48.98 |
| May..... | 30.029 | 30.076 | 29.986 | 30.021 | 30.402 | 29.695 | .737 | 29.969 | 68.17 | 61.52 | 72.06 | 75.16 | 75.77 | 68.10 | 65.32 | 90 | 41 | 49 | 77.49 | 56.74 |
| June..... | 29.995 | 30.036 | 29.956 | 29.967 | 30.311 | 29.511 | .800 | 29.947 | 73.47 | 68.27 | 76.17 | 79.00 | 79.80 | 73.30 | 71.07 | 90 | 53 | 37 | 82.00 | 63.07 |
| July..... | 29.963 | 30.003 | 29.913 | 29.963 | 30.213 | 29.648 | .565 | 30.060 | 81.91 | 73.81 | 84.19 | 87.29 | 88.77 | 81.06 | 79.19 | 98 | 64 | 34 | 90.26 | 71.81 |
| August..... | 29.983 | 30.015 | 29.944 | 29.983 | 30.206 | 29.572 | .634 | 29.971 | 73.35 | 68.36 | 77.06 | 78.87 | 78.23 | 73.13 | 71.39 | 96 | 56 | 40 | 81.03 | 64.36 |
| Means..... | 30.063 | 30.096 | 30.028 | 30.063 | 30.456 | 29.578 | .878 | 30.029 | 55.41 | 50.16 | 57.81 | 60.48 | 60.88 | 55.50 | 53.97 | 78.58 | 20.71 | 48.87 | 61.30 | 46.69 |

* Barometer corrected for temperature, elevation and instrumental error. Elevation of barometer above sea-level, 620.422 feet. Range of barometer during year, 1.518 inches.

† Self-registering instruments.

TABLE SHOWING THE AVERAGE RELATIVE HUMIDITY AT DIFFERENT HOURS OF THE DAY.

With the monthly and yearly means, and the amount of rain and melted snow, together with the number of clear, fair, cloudy and rainy days, and mean of warmest and coldest days, for the commercial year ending August 31, 1879, with the average temperature and precipitation in a period of eight years:

| | * RELATIVE HUMIDITY. | | | | | | | | | | WEATHER. | | | | | | | | | | Excess (+) or deficiency | | |
|----------------|----------------------|--------------------|---------------------|--------------------|--------------------|--------------------|---------------------|-----------------------|---|--------------------|-------------------|---|---|-----------------------|-------|-----------------------|-------|--------------------------------------|-----------------------------------|---|--------------------------|---|--------------------------|
| | Monthly Mean. | Mean at 7.05 A. M. | Mean at 11.30 A. M. | Mean at 2.00 P. M. | Mean at 4.05 P. M. | Mean at 9.00 P. M. | Mean at 10.30 P. M. | Mean of past 8 years. | Rain-fall and melted snow in inches and hundredths. | No. of clear days. | No. of fair days. | No. of cloudy days on which no rain or snow fell. | No. of days on which rain or snow fell. | Mean of warmest days. | Date. | Mean of coldest days. | Date. | Greatest daily range of temperature. | Least daily range of temperature. | Average temperature in Cincinnati for past 8 years. | | Average precipitation in Cincinnati for past 8 years. | Excess (+) or deficiency |
| 1878-79 | | | | | | | | | | | | | | | | | | | | | | | |
| September..... | 68.48 | 79.20 | 58.08 | 63.57 | 53.13 | 72.66 | 75.97 | 64.57 | 2.84 | 12 | 5 | 1 | 12 | 80.25 | 8 | 57.75 | 11 | 24 | 9 | 68.47 | 2.10 | +0.71 | |
| October..... | 63.53 | 77.40 | 54.61 | 49.23 | 50.61 | 63.68 | 68.42 | 61.52 | 2.39 | 11 | 7 | 3 | 13 | 74.00 | 1 | 36.50 | 31 | 28 | 5 | 55.75 | 2.71 | -0.32 | |
| November..... | 64.32 | 74.40 | 60.10 | 54.13 | 53.97 | 64.43 | 67.50 | 66.87 | 2.77 | 7 | 7 | 3 | 9 | 59.75 | 6 | 41.50 | 26 | 23 | 5 | 44.10 | 3.15 | -0.38 | |
| December..... | 60.14 | 74.74 | 68.52 | 65.52 | 67.97 | 67.16 | 67.10 | 70.29 | 3.89 | 2 | 6 | 3 | 20 | 59.75 | 1 | 8.50 | 24 | 23 | 5 | 37.11 | 3.33 | -0.56 | |
| January..... | 62.90 | 71.26 | 60.97 | 56.09 | 57.08 | 61.45 | 63.29 | 69.83 | 2.20 | 4 | 9 | 4 | 14 | 56.50 | 27 | -1.00 | 3 | 35.5 | 5 | 33.31 | 3.40 | -1.20 | |
| February..... | 63.83 | 72.46 | 58.29 | 55.68 | 57.25 | 63.86 | 66.29 | 68.03 | 2.22 | 6 | 3 | 4 | 15 | 55.75 | 25 | 14.50 | 14 | 41 | 5 | 36.56 | 2.66 | -0.41 | |
| March..... | 62.70 | 71.77 | 56.77 | 51.55 | 54.81 | 64.77 | 67.82 | 64.22 | 5.30 | 4 | 12 | 3 | 12 | 65.50 | 10 | 28.50 | 18 | 30 | 7 | 42.80 | 3.12 | -0.98 | |
| April..... | 54.21 | 66.30 | 45.30 | 42.83 | 41.37 | 53.50 | 60.07 | 56.62 | 2.14 | 11 | 6 | 4 | 10 | 72.00 | 26 | 31.25 | 3 | 32 | 10 | 54.60 | 2.89 | +1.41 | |
| May..... | 62.85 | 62.00 | 46.84 | 41.19 | 39.68 | 55.46 | 60.32 | 55.83 | 4.23 | 11 | 11 | 1 | 8 | 81.35 | 31 | 58.50 | 1 | 30 | 7 | 66.11 | 2.06 | +1.40 | |
| June..... | 58.94 | 68.17 | 53.20 | 47.80 | 46.60 | 60.87 | 68.07 | 62.19 | 5.22 | 11 | 6 | 3 | 10 | 82.00 | 25 | 59.00 | 1 | 20 | 9 | 74.74 | 1.27 | +0.62 | |
| July..... | 58.85 | 69.23 | 51.71 | 46.82 | 43.63 | 61.00 | 64.32 | 61.67 | 2.73 | 9 | 10 | 2 | 10 | 89.00 | 11 | 75.25 | 18 | 27 | 6 | 73.23 | 2.08 | -2.58 | |
| August..... | 64.76 | 78.42 | 57.19 | 55.26 | 57.13 | 72.61 | 75.87 | 65.66 | 11.72 | 13 | 2 | 0 | 14 | 82.75 | 4 | 64.25 | 25 | 23 | 7 | 73.93 | 4.45 | +7.27 | |
| Totals..... | | | | | | | | 47.67 | | 103 | 80 | 35 | 147 | | | | | | | | 41.52 | | |
| Means..... | 62.38 | 72.14 | 55.96 | 51.59 | 51.77 | 63.41 | 67.04 | 64.19 | 3.97 | 8.6 | 6.7 | 2.9 | 12.2 | 70.44 | ... | 39.12 | ... | 28.8 | 6.5 | 55.73 | | -0.32 | +6.15 |

* Complete saturation represented by 100. Total amount of precipitation during year, 47.67 inches.

TABLE SHOWING, FOR EACH MONTH, THE VELOCITY AND PREVAILING DIRECTION OF THE WINDS,

And the number of times the wind blew from each point of the compass, the winds most and least likely to be followed by precipitation, together with the highest and lowest stages of the Ohio River at Cincinnati, for the commercial year ending August 31, 1879:

| 1878-79 | WIND. | | | | | | | | | | * RIVER. | | | | | | | | | | | | | |
|-----------|------------------------|---------------------------------|--------------------------|-----------------------|--|---|-------------------------------------|---------------------------|------------|-------|--------------|---------------|---------------------------|-------|--------------------------|-------|-------------------------|------------|-------|------------|--------|-------|-------|-------|
| | Prevailing Direction,† | Total number of miles traveled. | Greatest daily velocity. | Least daily velocity. | Mean daily velocity, (miles per hour.) | Mean hourly velocity, (miles per hour.) | Maximum velocity in miles per hour. | Followed by Rain or Snow. | | | | | Highest, feet and inches. | Date. | Lowest, feet and inches. | Date. | Range, feet and inches. | | | | | | | |
| | | | | | | | | North. | Northwest. | West. | Southwest. | South. | | | | | | Southeast. | East. | Northeast. | Calms. | | | |
| | | | | | | | | | | | Most Likely. | Least Likely. | | | | | | | | | | | | |
| September | S. E. | 3,809 | 298 | 57 | 127.0 | 5.8 | 19 | 36 | 17 | 13 | 30 | 58 | 26 | 12 | 3 | 36 | 17 | 3 | 4 | 14 | 31 | 22 | | |
| October | S. E. | 4,584 | 324 | 67 | 147.9 | 6.2 | 20 | 24 | 19 | 38 | 95 | 14 | 14 | 2 | 5 | 11 | 5 | 31 | 4 | 4 | 22 | 34 | 7 | |
| November | N. W. | 3,781 | 302 | 50 | 126.0 | 5.2 | 24 | 19 | 38 | 28 | 24 | 20 | 55 | 20 | 21 | 5 | 35 | 9 | 5 | 5 | 11 | 612 | 24 | |
| December | N. W. | 5,149 | 376 | 83 | 166.1 | 6.9 | 22 | 12 | 47 | 50 | 40 | 12 | 30 | 13 | 11 | 0 | 41 | 4 | 35 | 31 | 27 | 11 | 31 | |
| January | N. W. | 4,925 | 284 | 65 | 158.9 | 6.6 | 24 | 18 | 46 | 38 | 23 | 31 | 13 | 13 | 0 | 35 | 9 | 5 | 1 | 0 | 2 | 24 | 9 | |
| February | N. W. | 5,039 | 319 | 84 | 170.6 | 7.5 | 24 | 18 | 47 | 29 | 26 | 18 | 31 | 14 | 13 | 0 | 35 | 9 | 2 | 18 | 8 | 23 | 1 | |
| March | N. W. | 5,053 | 231 | 99 | 168.0 | 6.8 | 24 | 28 | 50 | 26 | 27 | 20 | 33 | 18 | 13 | 2 | 40 | 5 | 2 | 18 | 8 | 23 | 1 | |
| April | N. W. | 4,427 | 227 | 51 | 147.6 | 6.1 | 24 | 32 | 39 | 17 | 29 | 13 | 23 | 15 | 13 | 0 | 38 | 10 | 30 | 26 | 0 | 1 | 12 | |
| May | N. E. | 4,248 | 210 | 64 | 137.0 | 5.7 | 25 | 25 | 13 | 15 | 24 | 16 | 48 | 18 | 54 | 9 | 37 | 10 | 30 | 26 | 0 | 1 | 12 | |
| June | N. E. | 4,206 | 225 | 69 | 140.2 | 5.7 | 20 | 19 | 15 | 17 | 51 | 14 | 36 | 20 | 28 | 7 | 16 | 9 | 29 | 7 | 10 | 162 | 10 | |
| July | S. W. | 3,375 | 181 | 48 | 108.9 | 4.5 | 23 | 17 | 25 | 30 | 37 | 21 | 31 | 14 | 29 | 13 | 12 | 11 | 1 | 5 | 0 | 24 | 29 | 8 |
| August | S. E. | 3,374 | 251 | 53 | 108.8 | 4.5 | 19 | 36 | 10 | 8 | 30 | 24 | 44 | 23 | 31 | 11 | 8 | 3 | 20 | 4 | 2 | 28 | 320 | 7 |
| Totals | ..... | 51,970 | ..... | ..... | 142.5 | 5.9 | 22.5 | 284 | 330 | 295 | 355 | 246 | 442 | 210 | 252 | 71 | 15 | 9 | 25 | 5 | 11 | 22 | 9 | |
| Means | | 4,331 | 270 | 66 | 142.5 | 5.9 | 22.5 | 23.7 | 32.5 | 24.6 | 29.6 | 20.5 | 36.8 | 17.5 | 21.8 | 6.9 | | | | | | | | |

* Observations of river taken daily at 3 P. M. Range of river during year, 37 feet, 2 inches. † Prevailing direction of wind, southeast.

THE RIVER AND THE RAILROADS.

The year of 1878-79, to the river interests of Cincinnati, has been a somewhat memorable one. The three preceding years had been distinguished by peculiarly favorable conditions. Especially was this the case with 1877-78, which, notwithstanding the breaking out of yellow fever late in the year, in the Southern cities along the Mississippi River, was still one of the most satisfactory seasons in many years. The past year has had a conjunction of unfavorable circumstances. Both the elements and disease appeared to be conspiring against this department of our business. The quarantine, which was established before the close of the preceding year, amounted to an embargo on our lower river trade until the first of November, 1878. Then, from December 24, 1878, until January 15, 1879, boats were ice-bound, the Ohio River, opposite Cincinnati, having been so frozen, during most of the period, as to offer a safe highway for pedestrians. At variance with nearly all precedent, there was neither a May nor a June rise, so that in June and July there was very low water. Later in the last named month, there was heavy rain, which improved the condition of navigation very much during the month of August, but this had scarcely been felt, when the presence of yellow fever at Memphis demanded precautionary measures, and quarantine was again established,* which lasted until after the conclusion of the commercial year. It will thus be seen that less than one half of the year remained for boating purposes. Then, so far as the lower Southern trade is concerned, there was a feeling of anxiety among travelers, growing out of the prevalence of the epidemic in the preceding summer, which militated against travel during such parts of the year as were exempt from disease. Under such circumstances as these, that the boats should have been able to make even a tolerable showing, indicates how firmly the river business has been established and what promise there is for it when we are blessed with favorable conditions. After the conclusion of quarantine in 1878, and until the closing of the river by ice, there was a good business, which was followed in January, after the raising of the ice blockade, by still more pronounced improvement. The pooling arrangements entered into by the boats engaged in the lower river trades, saved the business from unwholesome competition, and an arrangement entered into with the railroads, for the preservation of uniform rates, was well maintained throughout the year, so that the business was done in such way as to receive satisfactory compensation, which is more than can be said of some previous years. Thirteen steamers, seven of which were side and six stern-wheelers, made regular trips to New Orleans, generally leaving here on Tuesdays, Thursdays and Saturdays. Plying regularly between here and Memphis, were five steamers, making two and sometimes three boats leaving here weekly. To the New Orleans line, for the new season, will be added the "Will Kyle" and the "Reuben R. Springer," both new steamers. To Evansville, one boat has been running during the past year, and another will be added during the new year. We have had one boat running up the Tennessee River, and the business with that stream has shown considerable improvement, though Cincinnati, of late years, has not participated in the business of that valley to the extent which its rich resources invite. In this connection, too, it may be remarked, that of the Muskingum, Kanawha, Big Sandy, Kentucky, Green, Wabash, Cumberland and Tennessee rivers, all navigable tributaries to the Ohio, the Tennessee alone is navigated by a Cincinnati boat. Two steamers have run hence to Madison, making, except on Sunday, one boat daily. The list would by no means be complete without adding the Cincinnati and Louisville Mail Line, which has, as in many former years, had a steamer leaving daily for Louisville. The up-river trade has been affected, sympathetically at least, by the unfavorable features of parts of the year in the lower trade, as well as by the extremely low water during the early part and the later weeks of the commercial

* July 21, 1879.

year, but the general aspects of the year have been favorable. As was indicated in the preceding report, the number of boats has been increased, and with enlarged and improved facilities has come increased business. Five steamers have been running between Cincinnati and Pittsburgh, making, with the boats leaving for Wheeling, a departure daily for the upper Ohio, save when interrupted by low water. To Wheeling, two steamers have been running as before, leaving this city on Tuesdays and Fridays. To Huntington, two steamers have been running, as during the former year, in connection with the Chesapeake and Ohio Railway. The new Bostona, in the future, is to constitute a part of this line. To Pomeroy, three vessels have been running, making, except on Sunday, a daily departure. Tri-weekly trips have been made to Portsmouth by one steamer; as many by another to Maysville, and to these should be added daily trips to Chilo by still another boat. We have had also organized here during the year a line of steamers to run between Huntington and St. Louis, leaving this city for St. Louis every Friday. These boats also connect with the Chesapeake and Ohio Railway. A larger number of transient boats have been running between Pittsburgh and St. Louis, but this has not created unhealthful competition. It may be remarked of the river interest as well as of the railroads, that the desirableness of such an understanding as will secure a fair remuneration to all concerned, is steadily asserting itself. How to best accomplish these results, without surrendering, to a certain extent, in exceptional cases, the benefits which come from better facilities and superior business management, is not always an easy thing to accomplish, but of the advantages of a good business understanding, which will avoid the suicidal policy of wholesale rate-cutting, owners of boats are fully impressed.

To sum up the whole year's work, the general situation is encouraging. The character of the boats is steadily improving. The popularity of river travel is increasing, which is being the more stimulated by regular methods of departure and arrival. Important problems, it is true, remain to be solved, but, in the main, the river interest of Cincinnati enters on the new year with the reasonable promise of fair compensation to itself and promise of increased usefulness to the people of the great district tributary to this city.

The figures which are furnished elsewhere, as to arrivals, departures, etc., largely tell their own story, but require some explanation, in order that the exact condition may be properly understood. With the business of one month of the year blotted out by cold weather, the work of three more months in the lower river trade suspended by the epidemic, and that of at least two additional months seriously impaired by low water, the number of steamboats arriving and departing must necessarily have been diminished. The total number of arrivals for the year was 2,725, in comparison with 2,942 in 1877-78. An analysis of the figures, however, shows that in the six months in which the serious obstacles to business did not exist, the arrivals aggregated 1,541, compared with 1,493 for the corresponding period of the preceding year. The departures for the year aggregated 2,730, in comparison with 2,942 in 1877-78, and for the six months which were mainly unaffected by the unfavorable circumstances named, the departures were 1,550, compared with 1,493. It will thus be seen, that the aggregate loss was all sustained in the period embraced by these extraordinary circumstances, while during the remainder of the year there was an actual gain. The same causes have also been operating to reduce the number of vessels plying between Cincinnati and other ports. In addition to these causes, the business seems to be concentrating into the hands of a less number of boats, by reason of a steady increase in their size and speed, a less number of boats being thus enabled to perform a given work; by the multiplying of trips by the same boat on account of the regular methods established, and by the diminution of the number of transient boats, which mainly have been crowded out. Irregular practices are giving way to fixed methods, by which the loss from friction is diminished and the health of the whole service promoted, without any real loss to shippers, who are never permanently benefitted by having transporters, as a class, perform their labor

below a suitable allowance for such service. The total number of boats plying between Cincinnati and other parts, for the year, was 311, compared with 342 in the previous year, with a tonnage of 83,569 in 1878-79, compared with 84,868.

The business in boat-building, which after a long period of declension, in which it appeared for a time that it was almost to cease having an individual existence here, but which showed encouraging signs of renewed life during the two preceding seasons, exhibited increased vigor and results in the past year. The whole number of steamboats built was less than in 1877-78, but the tonnage shows a material increase. The whole number of steamboats built was 10, in comparison with 13 in the year 1877-78, but the tonnage in the late year of this class of boats was 6,437 tons, in comparison with 5,285 tons in the previous year, the average increase of tonnage to the vessel having been over 58 per cent. The average of the steamboats for the year was 643 tons, in comparison with 406 tons in the preceding year, showing a material change in the class of boats which have been built here. The whole number of boats built, including steamboats, ferries and barges, was 15, compared with 22 in 1877-78, with an aggregate tonnage in the late year of 7,642, compared with 6,704.

The work of the Engineer Corps in the improvement of the Ohio River and its tributaries, in charge of Col. William E. Merrill, U. S. Engineers, makes an important showing for the year. According to the figures of Col. Merrill, the snagboat E. A. Woodruff has removed and destroyed 48 wrecks, 948 snags, and 21 overhanging trees, and by days' labor and chartered service there have been removed 3 wrecks, 11 snags, and 260 rocks, prominent among them being the "Arkansas Rock," near the head of Grand Chain, which alone aggregated 320 cubic yards. At French Island the dike has been placed in thorough repair, by an expenditure of 162 piles, 315 cords of brush, and 6,220 cubic yards of stone. At the Evansville dike an extension of 500 feet was in progress, 286 piles, 4,081 cords of brush, and 9,068 cubic yards of stone having been used in the extension and in repairs to the old part of the work. The dredges, at Davis Island Dam, Merriman's Ripple, the dike at White's Ripple, the Trap, Stoop's Ferry, Deadman's Island, Line Island, Greenbottom Ripple, Conconnoque Bar, Quick's Run, and Brush Creek Bar, have removed in the aggregate 118,393 cubic yards of gravel. Operations on the Davis Island Dam have been energetically pushed. The active opposition that this work has heretofore experienced from a part of the coal interest has been greatly modified, if not wholly withdrawn, as the work is better understood. The appropriations for this work will be exhausted by the close of the calendar year, and it is feared much valuable time will be lost, unless an appropriation shall be made by Congress in advance of the regular bill. The subject of ice harbors, for the protection of the general commerce of the Ohio River, has been given much study, and special surveys have been made of the mouths of the Muskingum and of the Little Kanawha. The question of an ice harbor, in the vicinity of Cincinnati, for which an appropriation of \$50,000 was made by Congress, has been carefully discussed and all possible localities have been surveyed. The conclusion of the Board of Engineers, to whom the subject was committed, was in favor of the project of dikes at Four Mile Bar, 10 miles above the city, which are intended to serve the double purpose of improving the low water navigation of that bar and of holding back the ice floes of winter. The design embraces two curved wing dams, each of an approximate length of 2,000 feet and of a height to turn the water at the stage of 10 feet on the marks at the Cincinnati Water Works. The first one starts from the Ohio bank at the mouth of Four Mile Creek, and the second, or lower one, from a point on the Kentucky shore opposite the terminus of the first. Active preparations have been made for a vigorous prosecution of the work, and it is stipulated that the first dike shall be completed during this season, which will be sufficient practically to demonstrate the working of the plan. Much work has also been done in the tributaries to the Ohio. This embraces the substantial completion of the lock and dam at Hoards Rocks, on the Monongahela River, and additional surveys of the Allegheny, Little Kanawha, Guyandotte, Big Sandy, and Green rivers. This résumé of the year's work may well inspire the friends of the river with the hope that the General Government,

in a measure at least, is awakening to the importance of these great channels for inland commerce.

The work, during the past year, of the Light House Board, in charge of Commander Albert Kautz, United States Navy, in addition to the daily maintenance of the system, has consisted of the erection of 48 additional beacon lights on the Ohio River, making, with the floating lights, which are twelve in number, 296 beacon lights that are now embraced by this beneficent and economical system for the improvement of the navigation of our river: Of all the improvements which have been suggested, no one appeals more strongly to the thousands whose lives are spent on the river, than does this humane provision of the Government.

The year to the railroads concentrating at this city has been an eventful one. It has been distinguished at times by the lowest rates for freight and the most utter abandonment of schedules, so far as east bound freights are concerned, the country has ever witnessed, and at the same time, at last, by such adjustment of the differences, growing out of the sharp competition which has characterized the past few years, as has secured the trunk lines the most satisfactory condition they have enjoyed in a long time. The desirableness of terminating a policy which had nothing about it but disaster to the corporations involved, in the early winter of the past year, led to the formation of a pool between the trunk lines to the East, which should continue in existence for five months. This, however, did not live out its time, but fell to pieces by virtue of its own weight before the conclusion of the period named, and was followed, in east bound freights, by complete demoralization. The cutting from March to June was without precedent. Freights were carried at fabulously low rates, heavy freights at times having been taken to New York, Baltimore and Philadelphia at $7\frac{1}{2}$ cents per 100 pounds, while it is said that to the last named city shippers in some instances were permitted to name their own rates, which reduced the charges to a mere nominal matter. Such a condition as this, however, had the seeds of cure within itself, for it led to the formation of a pool between the trunk lines, by which an equitable division of business was agreed on, and by which provision was made for the submission of questions of difference to arbitrators, which would remove the contests from the arena of the roads immediately interested. This went into operation on the 9th of June. Living rates were established, and the settlement, alike beneficial to all concerned, bears witness of having been permanent. The west bound pool, which was established two years before between the trunk lines to the sea-board, has worked in an eminently satisfactory manner throughout the whole period, so much so that early in the present year the roads interested agreed to its continuance for a period of five years. In the roads running westwardly from Cincinnati, the pool which went into operation on the first of May, 1878, on west bound freights, without working disadvantageously to shippers, has secured uniform rates and removed a source of great irritation to the roads. In east bound freights on these roads, there has been, at times, great competition, but this was modified in the late months of the year, by a better understanding and by the increase of work to be performed by all. In the roads to the South, a definite arrangement with the boats, to which allusion has been made in so much of this article as pertains to the river, has secured in that direction also uniform rates. Taken as a whole, and especially in the light of adjusted vital differences, the year may be regarded a favorable one to our railroad interests. The removal of the vestiges of the great wars which had been carried on for years, marked an epoch in the history of railroading; but to this, were to be added the abundant harvests, which began to move early, and which taxed the roads beyond their facilities, and the great awakening in business which has warmed every interest into an activity it has not felt since the depression commenced. With the promise of plenty to do, living rates, and with the roadways and appurtenances of the railroads tributary to this city generally in excellent condition; with the long looked for trunk line to the South substantially completed, and the country already touched with the dawn of a new day of prosperity in which great railroad projects, in which this city is directly interested, are to reach culmination, the year closes

under circumstances more favorable to the railroads of this vicinity than have been enjoyed for many long years.

The most important feature of the railroad situation is the near approach of the substantial completion of the Cincinnati Southern Railroad, with all that this consummation implies. Under the contract made in the preceding year with R. G. Huston & Co., for the completion of the road from Somerset to Boyce Station, on the Western and Atlantic Railroad, a distance of $172\frac{7}{8}$ miles, the work has been progressing since the last report. The original contract provided for the completion of the work by the 20th of August, 1879, but this was subsequently extended to the 10th of the following December. From Boyce Station, the Western and Atlantic Railroad will be used for running into Chattanooga, a distance of six miles, until further arrangements are made. At an early period of the coming year, the work will be so far progressed as to allow of the opening of the road for business from Cincinnati to Chattanooga, a distance of 336 miles. The past year has witnessed a change in the company operating the road. On the 9th day of September, 1878, the Trustees of the road gave notice to the Cincinnati Southern Railway Company, that had been operating the same, that they would terminate their license on the 12th of the March following. Subsequently, a temporary arrangement was made with the company to continue the running of the road, it being, however, provided, that the interest to be allowed the company, on its capital stock, should be 8 per centum per annum instead of 10 per centum, as in the original license. On the 26th day of the following April, a determinable license was granted E. W. Woodward and associates, consisting of prominent business men and capitalists of Cincinnati, authorizing them to operate the road from Cincinnati to Somerset, and on such additional parts of the road as might be completed by the Trustees, out of their own funds, the company being allowed interest at the rate of 7 per centum per annum on the amount of capital actually paid in. The new company, known as the Cincinnati Railroad Company, has a capital stock of \$1,000,000, \$300,000 of which was originally paid in, the remainder to follow, in the discretion of the Trustees, as the necessities of the road should demand it. The agreement between the parties provides, that the license shall continue until six months after the completion of the whole line of the Cincinnati Southern Railway, and the lease thereof for a term of years to the said company or other parties, or a sale thereof when the same shall terminate, the Trustees, however, having the right at any time after the expiration of eighteen months from the date of contract to terminate the license, upon serving written notice to the company of their intention so to do six months before the time fixed for such termination. Under this license, the new company has been operating the road since the 22d day of May, at which time the formal transfer was made. Such are the salient points of the history of the enterprise of the past year, to which should be added the procuring of the right of way and building of a track through the Mill Creek valley to the Cincinnati and Baltimore Railroad, the connection with the United Railroads Stock Yards, the proposed additional track on the line of the Marietta & Cincinnati and Cincinnati & Indiana Railroads, by which connection will be made with the Plum Street Depot and the roads concentrating there, and the proposed erection of a new central general depot, to which the Southern Railroad may be admitted. Thus the city of Cincinnati stands on the verge of the consummation of the grandest project of the kind ever undertaken by an American city. The attainment has been made in the face of trial, fierce opposition at home and abroad, great hazard, and repeated and injurious delays. The will of the city to connect herself with the people of the South through the instrumentality of a grand trunk railway, that should connect with the Southern railway system, however flagging at times, has never failed. The purpose which was uppermost in the minds of her people has been substantially attained, so far as the instrument for reaching the end is concerned. But to enter on the returns which this outlay should bring, very much remains to be done. Pluck and endurance have built the road. The fruits of this immense expenditure can be gathered only by the exercise of great business sagacity and enterprise. The local business of the road has so far exceeded the expectations of its most sanguine

friends. The prophetic declarations as to the future of the enterprise will best be fulfilled by every business man vigorously endeavoring to enter the splendid field, white to harvest, but in which other sickles are already busily employed, and by every citizen feeling he has something personally to do in bringing together two great communities, alike interested in closer social and business relations.

The narrow-gauge railway system has made less headway in this immediate vicinity than in the preceding two years. The litigation incident to the Miami Valley Railway has completely arrested the work on that important narrow-gauge enterprise, and holding, as it does, the key to the entrance of the narrow-gauge system to the city, the tendency has been to check the progress of work in various directions. Considerable has been accomplished, during the year, in pushing toward completion various tributary roads to the main lines previously constructed, and in getting subscriptions, extending roadbeds, agitating the construction of additional branches, and in preparing the public mind for the development of these lines for local travel and transportation. The part that the narrow-gauge system is to play in the solution of the railway problem of our time is yet in the future, but in city and country alike there comes the demand for larger accommodations and quicker transit. So that if the projectors accomplish no more than to develop quick communication between comparatively near communities, they meet a public want which finds expression in many ways.

Table showing the steamboats, tow-boats and model barges, with the tonnage of each, which plied between Cincinnati and other ports, during the year ending August 31st, 1879:

STEAMBOATS.

| Names. | Tonnage. | Names. | Tonnage. | Names. | Tonnage. | Names. | Tonnage. |
|-------------------------------|----------|-----------------------------|----------|---------------------------------|----------|-----------------------|----------|
| A. C. Donnelly..... | 820 | C. W. Anderson..... | 212 | James D. Parker..... | 348 | Potomac..... | 526 |
| Alice..... | 498 | C. W. Batchelor..... | 223 | James W. Gaff..... | 435 | Robert Mitchell..... | 833 |
| A. L. Norton..... | 140 | Dora Cabler..... | 188 | Jewel..... | 246 | Saint John..... | 380 |
| Andes..... | 470 | E. H. Durfee..... | 374 | John S. Bransford..... | 164 | Salt Valley..... | 172 |
| Andy Baum..... | 502 | Eldorado..... | 445 | John D. Scully..... | 278 | Silver Cloud..... | 321 |
| Annie P. Silver..... | 1,046 | Ellen M. McCoy (ferry)..... | 185 | John L. Rhoads..... | 383 | St. Lawrence..... | 496 |
| Ariadne..... | 425 | Emma Graham..... | 417 | Josie Harry..... | 208 | Sunbeam..... | 117 |
| Bedford..... | 408 | Fannie Tatum..... | 298 | Katie Hooper..... | 256 | Sunflower..... | 158 |
| Ben Franklin..... | 460 | Fannie Webster (ferry)..... | 100 | Katie Stockdale..... | 480 | Sylvan Dell..... | 97 |
| Bertha Lee..... | 121 | Favorite (ferry)..... | 197 | Kafydic..... | 60 | Telegraph..... | 653 |
| Bonanza..... | 572 | Fleetwing..... | 185 | Kittie Nye..... | 120 | Telephone..... | 184 |
| Bostona..... | 563 | Fleetwood..... | 559 | Laura L. Davis..... | 298 | Thomas Sherlock..... | 1,039 |
| Buckeye State..... | 480 | Florence Meyer..... | 270 | Laura Lee..... | 479 | Tidal Wave..... | 515 |
| Champion No. 9..... | 240 | Gen'l Lytle..... | 720 | Lily (light-house ten-der)..... | 285 | Trout..... | 63 |
| Chas. B. Church..... | 694 | Gen'l Pike..... | 326 | Lizzie Bayless..... | 130 | United States..... | 740 |
| Chas. Morgan..... | 337 | Golden City..... | 671 | Louis A. Sherley..... | 333 | U. P. Schenck..... | 649 |
| Cherokee..... | 463 | Golden Crown..... | 670 | Lucy E. Gastrell..... | 354 | Vint. Shinkle..... | 415 |
| Cincinnati Belle (ferry)..... | 127 | Golden Rule..... | 670 | Mary Miller..... | 110 | Virgie Lee..... | 825 |
| City of Portsmouth..... | 235 | Granite State..... | 412 | Minnie..... | 110 | Whisper..... | 385 |
| C. K. Peck..... | 348 | Granite State (new)..... | 415 | Nashville..... | 277 | Woodward..... | 942 |
| Clifton..... | 565 | Guiding Star..... | 904 | New Mary Houston..... | 855 | Wille Austin..... | 65 |
| Clinton..... | 484 | Hattie Nowland..... | 180 | Ohio No. 4..... | 500 | W. N. Chancellor..... | 200 |
| Cons Millar..... | 325 | Honry Frank..... | 1,396 | Paris C. Brown..... | 638 | W. P. Thompson..... | 167 |
| Corona..... | 388 | Home..... | 36 | Pittsburgh..... | 562 | Total Tonnage..... | 38,866 |
| Covington No. 2 (ferry)..... | 120 | Hudson..... | 389 | | | | |

TOW BOATS.

| Names. | Tonnage. | Names. | Tonnage. | Names. | Tonnage. | Names. | Tonnage. |
|-----------------------------|----------|-----------------------------|----------|----------------------------|----------|----------------------------|----------|
| Alex. Chambers..... | 60 | Enterprise..... | 66 | John Porter..... | 230 | Resolute..... | 200 |
| Alex. Swift..... | 220 | Etna..... | 145 | John W. Garrett..... | 186 | R. J. Grace..... | 185 |
| Alice Brown..... | 360 | Evan Williams..... | 130 | Joseph A. Stone..... | 110 | Robert Peebles..... | 175 |
| Annie Kelley..... | 146 | Evergreen..... | 21 | Joseph H. Bigley..... | 180 | Robin..... | 75 |
| Ark..... | 275 | Fearless..... | 200 | Joseph Nixon..... | 307 | Rover..... | 130 |
| Baltic..... | 210 | Fred. Wilson, No. 2..... | 270 | Joseph Warner..... | 300 | Sam Brown..... | 225 |
| Barnard..... | 111 | George Lysle..... | 200 | Jos. Cook..... | 300 | Sam Roberts..... | 205 |
| B. D. Wood..... | 250 | George Matheson..... | 103 | Jos. Walton..... | 315 | Samson, No. 2..... | 220 |
| Belle McGowan..... | 235 | George Roberts..... | 160 | Jos. W. Gould..... | 135 | Samuel Clarke..... | 175 |
| Bengal Tiger..... | 200 | Grand Lake..... | 190 | J. P. Thorn..... | 76 | Samuel Miller..... | 200 |
| Ben Wood..... | 126 | Greyhound..... | 133 | J. S. McDonald..... | 225 | Simpson Horner..... | 303 |
| Boaz..... | 300 | Harry Higbee (Boulder)..... | 79 | J. S. Merser..... | 200 | Smoky City..... | 315 |
| Canary, No. 2..... | 20 | H. E. Pierrepont..... | 60 | J. S. Neele..... | 55 | Storm..... | 108 |
| Champion, No. 7..... | 122 | Hornet, No. 2..... | 200 | Kanawha, No. 2..... | 136 | Storm, No. 3..... | 138 |
| Champion, No. 8..... | 168 | H. P. Card (Prop.)..... | 59 | Kate Waters, No. 2..... | 115 | Sylvan Dell (Prop.)..... | 53 |
| Charley Bowen, No. 2..... | 147 | Hyena..... | 135 | Liberty No. 4..... | 175 | Thomas Lysle..... | 113 |
| Charley Brown..... | 315 | Ike Hammett..... | 95 | Lioness, No. 2..... | 200 | Thomas W. Means..... | 193 |
| Clipper..... | 84 | I. N. Phillips..... | 130 | Lizzie Gardener..... | 71 | Three Lights..... | 120 |
| Coal Bluff, No. 2..... | 139 | Iron Mountain..... | 855 | Look Out..... | 151 | Tiger..... | 120 |
| Coal City..... | 250 | Ironides..... | 227 | Mary Ann..... | 235 | Tom Dodsworth..... | 212 |
| Coal Valley..... | 115 | J. S. Keefer..... | 275 | Millie Roberts..... | 45 | Tom Farrow..... | 124 |
| Cobb Cecil..... | 59 | Jacob Heatherington..... | 192 | Mount Clare..... | 180 | Tom Keew, No. 2..... | 294 |
| Come and See Me (Pro.)..... | 60 | James Gilmore..... | 225 | Nellie Speer..... | 109 | Veteran, No. 2..... | 160 |
| Condor..... | 219 | James Hobson..... | 125 | Nellie Walton..... | 300 | Waverly (Prop.)..... | 55 |
| Daintless..... | 116 | James Jackson..... | 106 | N. J. Bigley, No. 2..... | 182 | W. C. Guffey..... | 342 |
| Dewdrop..... | 60 | Jas. A. Blackmore..... | 150 | Oakland..... | 250 | W. F. Gaylord (Prop.)..... | 87 |
| Diamond..... | 200 | J. C. Risher..... | 325 | Oil Valley, No. 2..... | 125 | Whale..... | 225 |
| Dick Fulton, No. 3..... | 310 | Jessie..... | 76 | Onward..... | 314 | W. H. Harrison..... | 91 |
| D. T. Lane..... | 115 | Jim Brown..... | 100 | Panther..... | 280 | William A. Stone..... | 200 |
| E. A. Woodruff..... | 374 | John A. Wood..... | 300 | Rapid Transit (Prop.)..... | 165 | William Wagner..... | 52 |
| Ed. Hobbs..... | 200 | John Gilmore..... | 225 | Raven..... | 185 | Wm. Ernst..... | 148 |
| Ella..... | 150 | John Hanna..... | 200 | Reindeer..... | 150 | | |
| E. M. Norton..... | 425 | John Penny..... | 210 | Relief..... | 90 | Total Tonnage..... | 22,916 |

MODEL BARGES.

| Names. | Tonnage. | Names. | Tonnage. | Names. | Tonnage. | Names. | Tonnage. |
|---------------------|----------|----------------------|----------|---------------------|----------|-----------------------|----------|
| Alf Korte..... | 341 | Fannie..... | 242 | Lioness..... | 169 | Rover No. 2..... | 575 |
| Alf Stein..... | 148 | Harry..... | 225 | Little Nell..... | 143 | Royal G. Hart..... | 200 |
| Bellair..... | 361 | Hattie No. 2..... | 215 | Lucy No. 2..... | 215 | Ruth..... | 430 |
| Belmont..... | 318 | Hawkeye..... | 315 | Lucy Rogers..... | 243 | Saline..... | 155 |
| Bill Brannock..... | 372 | H. B. Smith..... | 315 | Luzerne..... | 150 | Sam DeWolf..... | 275 |
| Blanche..... | 160 | Hercules..... | 167 | Marshall..... | 188 | Sandy City..... | 100 |
| Boston..... | 135 | Hilda..... | 162 | Mattie Baldwin..... | 210 | Silver Dollar..... | 288 |
| Buckeye..... | 292 | H. Lowrey..... | 537 | Mingo..... | 800 | Swan..... | 252 |
| Buttercup..... | 270 | Homer..... | 165 | Minnie..... | 215 | Tom Moore..... | 125 |
| Caroline..... | 423 | Ironside..... | 335 | Morton..... | 315 | Top Mill..... | 281 |
| Catawba..... | 370 | Ironside No. 4..... | 375 | Occident..... | 352 | Walter Sayre..... | 189 |
| Charley Pierce..... | 330 | Ironton..... | 438 | Oneoto..... | 370 | W. C. Mahan..... | 358 |
| Clifton..... | 134 | J. H. Williams..... | 240 | O. P. Shinkle..... | 248 | W. F. Gaylord..... | 156 |
| Crescent City..... | 318 | Joel Wall..... | 328 | Orient..... | 352 | W. W. Culbertson..... | 215 |
| Daisy..... | 270 | John A. Conn..... | 253 | Orion..... | 96 | | |
| Darling..... | 160 | John Ellison..... | 215 | Petrel..... | 120 | Total Tonnage of | |
| Dove..... | 232 | John M. Norton..... | 329 | Pinafore..... | 270 | Barges..... | 21,787 |
| Duchess..... | 250 | John Peters..... | 215 | Rachel..... | 436 | Total Tonnage of | |
| Eagle..... | 232 | John Russell..... | 215 | Red Bird..... | 208 | Steamboats..... | 38,866 |
| Edmund Tharp..... | 270 | John Wilhelm..... | 210 | Riverside..... | 360 | Total Tonnage of | |
| E. D. Norton..... | 160 | Labelle..... | 318 | Robert Lusk..... | 243 | Tow-boats..... | 22,916 |
| Ernest Blair..... | 224 | Libbie Williams..... | 242 | Robert Scott..... | 205 | | |
| E. S. McLain..... | 270 | Lillie..... | 243 | Rover No. 1..... | 375 | Total Tonnage (all | |
| Eugene..... | 225 | | | | | kinds)..... | 83,569 |

Table showing the total number of arrivals and departures of steamers, at Cincinnati, for twenty-four years:

| YEARS. | Arrivals. | Departures. | YEARS. | Arrivals. | Departures. | YEARS. | Arrivals. | Departures. |
|--------------|-----------|-------------|--------------|-----------|-------------|--------------|-----------|-------------|
| 1855-56..... | 2,796 | 2,783 | 1863-64..... | 2,936 | 2,813 | 1871-72..... | 2,271 | 2,235 |
| 1856-57..... | 2,702 | 2,648 | 1864-65..... | 3,490 | 3,219 | 1872-73..... | 2,340 | 2,333 |
| 1857-58..... | 3,168 | 3,190 | 1865-66..... | 3,459 | 3,379 | 1873-74..... | 2,596 | 2,600 |
| 1858-59..... | 3,106 | 2,872 | 1866-67..... | 2,853 | 2,838 | 1874-75..... | 2,602 | 2,665 |
| 1859-60..... | 2,985 | 2,875 | 1867-68..... | 2,694 | 2,681 | 1875-76..... | 2,779 | 2,808 |
| 1860-61..... | 2,714 | 2,644 | 1868-69..... | 3,026 | 2,993 | 1876-77..... | 2,646 | 2,633 |
| 1861-62..... | 2,868 | 2,787 | 1869-70..... | 2,712 | 2,726 | 1877-78..... | 2,942 | 2,942 |
| 1862-63..... | 2,206 | 2,120 | 1870-71..... | 2,377 | 2,356 | 1878-79..... | 2,725 | 2,730 |

Table showing the whole number of steamboats and barges which ran between this and other ports, each of the last twenty-nine years, with tonnage of the same:

| YEARS. | Number. | Tonnage. | YEARS. | Number. | Tonnage. | YEARS. | Number. | Tonnage. |
|--------------|---------|----------|--------------|---------|----------|--------------|---------|----------|
| 1850-51..... | 213 | 49,274 | 1860-61..... | 318 | 73,885 | 1869-70..... | 327 | 78,109 |
| 1851-52..... | 213 | 60,542 | 1861-62..... | 225 | 53,512 | 1870-71..... | 325 | 81,801 |
| 1852-53..... | 218 | 76,647 | 1862-63..... | 349 | 71,725 | 1871-72..... | 354 | 85,721 |
| 1853-54..... | 314 | 80,266 | 1863-64..... | 435 | 92,742 | 1872-73..... | 359 | 82,600 |
| 1854-55..... | 318 | 80,874 | 1864-65..... | 446 | 91,686 | 1873-74..... | 365 | 77,120 |
| 1855-56..... | 365 | 92,401 | 1865-66..... | 397 | 50,881 | 1874-75..... | 305 | 76,457 |
| 1856-57..... | 357 | 87,433 | 1866-67..... | 371 | 82,057 | 1875-76..... | 316 | 78,411 |
| 1857-58..... | 319 | 74,483 | 1867-68..... | 366 | 83,264 | 1876-77..... | 325 | 81,720 |
| 1858-59..... | 327 | 78,222 | 1868-69..... | 294 | 69,774 | 1877-78..... | 342 | 84,863 |
| 1859-60..... | 338 | 71,642 | | | | 1878-79..... | 311 | 83,569 |

Table showing the whole number, with the tonnage, of steamboats and barges built at this port, for each of the last thirty-two years:

| YEARS. | Number. | Tonnage. | YEARS. | Number. | Tonnage. | YEARS. | Number. | Tonnage. |
|--------------|---------|----------|--------------|---------|----------|--------------|---------|----------|
| 1847-48..... | 29 | 10,233 | 1858-59..... | 11 | 3,735 | 1868-69..... | 11 | 4,224 |
| 1848-49..... | 23 | 7,281 | 1859-60..... | 28 | 6,113 | 1869-70..... | 34 | 13,570 |
| 1849-50..... | 16 | 4,500 | 1860-61..... | 11 | 3,327 | 1870-71..... | 25 | 12,758 |
| 1850-51..... | 31 | 8,206 | 1861-62..... | 4 | 1,745 | 1871-72..... | 20 | 7,761 |
| 1851-52..... | 33 | 8,896 | 1862-63..... | 43 | 12,590 | 1872-73..... | 25 | 8,124 |
| 1852-53..... | 29 | 10,252 | 1863-64..... | 62 | 20,117 | 1873-74..... | 15 | 3,789 |
| 1853-54..... | 31 | 9,858 | 1864-65..... | 44 | 10,878 | 1874-75..... | 6 | 2,741 |
| 1854-55..... | 27 | 8,698 | 1865-66..... | 33 | 9,405 | 1875-76..... | 9 | 2,961 |
| 1855-56..... | 33 | 11,525 | 1866-67..... | 18 | 6,734 | 1876-77..... | 14 | 4,434 |
| 1856-57..... | 34 | 10,600 | 1867-68..... | 11 | 5,136 | 1877-78..... | 22 | 6,704 |
| 1857-58..... | 14 | 5,334 | | | | 1878-79..... | 15 | 7,642 |

Table showing the steamboats and barges, with the tonnage of the same, built at Cincinnati, for the year ending August 31, 1879:

| NAMES. | Tonnage. | NAMES. | Tonnage. |
|------------------------------|----------|-----------------------------|----------|
| Ariadne..... | 425 | Pinafore (barge)..... | 270 |
| Bostona (the new)..... | 759 | Pittsburgh..... | 562 |
| Buttercup (barge)..... | 270 | Reuben R. Springer..... | 981 |
| Clifton..... | 565 | Rosa B..... | 160 |
| Daisy (barge)..... | 270 | Will Kyle..... | 710 |
| Eldorado..... | 445 | Total tonnage, 1878-79..... | 7,642 |
| Granite State (the new)..... | 440 | Total tonnage, 1877-78..... | 6,704 |
| Hetty (ferry)..... | 225 | Increase..... | 938 |
| Kenton (ferry)..... | 160 | | |
| Natchez..... | 1,350 | | |

Table showing the names, etc., of vessels plying between Cincinnati and other ports, which have been destroyed, dismantled, etc., for the year ending August 31, 1879, as far as information concerning the same has been procured:

| KINDS. | NAME. | Tonnage. | REMARKS. |
|---------------|----------------------|----------|-------------------|
| Steamer..... | A. C. Donnally..... | 820 | Burned. |
| Barge..... | Alf. Korte..... | 341 | Sunk and wrecked. |
| Steamer..... | Bostona..... | 563 | Dismantled. |
| "..... | Chas. B. Church..... | 694 | " |
| "..... | Granite State..... | 312 | " |
| "..... | Mary Miller..... | 300 | " |
| Barge..... | Mingo..... | 300 | Burned. |
| "..... | Sam DeWolf..... | 275 | Sunk and wrecked. |
| Tow-boat..... | Tom Farrow..... | 124 | " |
| Barge..... | Top Mill..... | 281 | " |

STEAMBOAT ARRIVALS AND DEPARTURES AT THE PORT OF CINCINNATI.

Comparative monthly statement for four years, ending August 31st, each year.

ARRIVED FROM

| MONTHS. | NEW ORLEANS. | | | | PITTSBURGH. | | | | ST. LOUIS. | | | | OTHER PORTS. | | | | TOTALS. | | | |
|----------------|--------------|---------|---------|---------|-------------|---------|---------|---------|------------|---------|---------|---------|--------------|---------|---------|---------|---------|---------|---------|---------|
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
| September..... | ... | ... | 6 | 2 | 7 | ... | 4 | 1 | 6 | 2 | 2 | 2 | 202 | 218 | 303 | 249 | 215 | 220 | 215 | 254 |
| October..... | 2 | 4 | 7 | 3 | 3 | 1 | 2 | 2 | 5 | 1 | 1 | 1 | 214 | 215 | 217 | 215 | 218 | 216 | 232 | 221 |
| November..... | 9 | 11 | 10 | 8 | 25 | 12 | 8 | 9 | 5 | 3 | 4 | ... | 220 | 225 | 213 | 190 | 262 | 246 | 225 | 202 |
| December..... | 7 | 13 | 9 | 15 | 18 | 22 | 3 | 9 | 4 | ... | ... | ... | 173 | 228 | 85 | 207 | 206 | 246 | 190 | 227 |
| January..... | 12 | 15 | 14 | 11 | 14 | 17 | 9 | 7 | 8 | 3 | ... | 1 | 51 | 214 | 74 | 188 | 60 | 246 | 88 | 213 |
| February..... | 12 | 12 | 13 | 12 | 21 | 17 | 11 | 11 | 7 | 6 | ... | 1 | 187 | 206 | 198 | 178 | 218 | 216 | 223 | 196 |
| March..... | 12 | 14 | 13 | 13 | 26 | 18 | 11 | 12 | 11 | 6 | 5 | 5 | 205 | 211 | 225 | 210 | 246 | 250 | 254 | 231 |
| April..... | 13 | 12 | 13 | 13 | 20 | 17 | 11 | 9 | 8 | 6 | 4 | 4 | 224 | 216 | 218 | 212 | 273 | 254 | 248 | 241 |
| May..... | 8 | 9 | 8 | 7 | 12 | 20 | 11 | 11 | 9 | 8 | 7 | 4 | 248 | 225 | 258 | 230 | 260 | 262 | 240 | 258 |
| June..... | 7 | 7 | 8 | 9 | 4 | 17 | 8 | 11 | 7 | 5 | 7 | 3 | 234 | 201 | 242 | 221 | 263 | 253 | 262 | 248 |
| July..... | 3 | 7 | 3 | 4 | 17 | 8 | 4 | 7 | 2 | 7 | 5 | 3 | 219 | 224 | 267 | 221 | 247 | 253 | 258 | 240 |
| August..... | 3 | 8 | 4 | 4 | 11 | 13 | 4 | 7 | 5 | 3 | 1 | 3 | 219 | 227 | 237 | 237 | 238 | 246 | 251 | 251 |
| Totals..... | 85 | 109 | 106 | 103 | 163 | 174 | 82 | 89 | 64 | 58 | 47 | 31 | 2,413 | 2,610 | 2,411 | 2,556 | 2,725 | 2,942 | 2,646 | 2,779 |

DEPARTED FOR

| MONTHS. | NEW ORLEANS. | | | | PITTSBURGH. | | | | ST. LOUIS. | | | | OTHER PORTS. | | | | TOTALS. | | | |
|----------------|--------------|---------|---------|---------|-------------|---------|---------|---------|------------|---------|---------|---------|--------------|---------|---------|---------|---------|---------|---------|---------|
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
| September..... | 3 | 1 | 9 | 5 | 8 | ... | 9 | ... | 4 | 1 | 2 | 1 | 200 | 218 | 204 | 217 | 215 | 220 | 224 | 252 |
| October..... | 2 | 5 | 11 | 13 | 6 | 3 | 4 | ... | 6 | 1 | 5 | ... | 216 | 225 | 218 | 216 | 228 | 224 | 236 | 227 |
| November..... | 1 | 10 | 13 | 13 | 24 | 12 | 10 | 10 | 4 | 5 | 3 | ... | 222 | 220 | 212 | 189 | 224 | 224 | 238 | 216 |
| December..... | 1 | 11 | 8 | 13 | 16 | 21 | 5 | 10 | 3 | ... | ... | ... | 174 | 220 | 172 | 169 | 187 | 224 | 209 | 211 |
| January..... | 7 | 14 | 13 | 15 | 18 | 16 | 12 | ... | ... | ... | ... | ... | 151 | 212 | 91 | 183 | 180 | 247 | 197 | 211 |
| February..... | 12 | 14 | 13 | 15 | 15 | 18 | 12 | ... | 8 | 3 | 1 | 1 | 189 | 247 | 201 | 173 | 224 | 215 | 192 | 219 |
| March..... | 12 | 13 | 14 | 13 | 22 | 18 | 14 | ... | 10 | 6 | 4 | 4 | 263 | 207 | 224 | 219 | 247 | 247 | 255 | 244 |
| April..... | 11 | 13 | 14 | 13 | 21 | 18 | 14 | ... | 9 | 9 | 6 | 5 | 223 | 219 | 215 | 211 | 271 | 240 | 245 | 242 |
| May..... | 7 | 10 | 12 | 11 | 14 | 16 | 8 | ... | 12 | 9 | 8 | 8 | 217 | 223 | 257 | 229 | 246 | 240 | 263 | 255 |
| June..... | 7 | 10 | 10 | 6 | 11 | 16 | 8 | ... | 12 | 9 | 6 | 4 | 228 | 196 | 229 | 219 | 262 | 240 | 263 | 233 |
| July..... | 1 | 7 | 7 | 6 | 11 | 18 | 7 | ... | 7 | 9 | 6 | 3 | 223 | 224 | 223 | 223 | 241 | 245 | 255 | 229 |
| August..... | 5 | 1 | 4 | 7 | 11 | 11 | 2 | 5 | 8 | 6 | 3 | 3 | 216 | 220 | 232 | 238 | 240 | 238 | 241 | 255 |
| Totals..... | 97 | 104 | 113 | 122 | 162 | 160 | 86 | 94 | 75 | 67 | 51 | 29 | 2,896 | 2,611 | 2,403 | 2,563 | 2,730 | 2,942 | 2,633 | 2,808 |

Table showing the schedule rates on fourth-class freight, from Cincinnati, both by river and by rail, to various leading points, in two years:

| DATES. | 1878-79 | | | | | | | | | | 1877-78 | | | | | | | | | | | | | |
|-------------|--------------------------------|-------|------------|-------|------------|-------|-----------|-------|---------|-------|-------------|-------|---------|-------|------------|-------|------------|-------|-----------|-------|---------|-------|-------------|-------|
| | N. York | | Pittsburgh | | Louisville | | St. Louis | | Memphis | | New Orleans | | N. York | | Pittsburgh | | Louisville | | St. Louis | | Memphis | | New Orleans | |
| | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River | Rail. | River |
| September 8 | 28 ¹ / ₂ | 20c | 15c | 10c | 10c | 25c | 15c | 30c | 20@25 | 40c | 29c | 29 | 20 | 20 | 15c | 10c | 10c | 25c | 30c | 15c | 35c | 25c | 25c | |
| 10 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 17 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 24 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| October 1 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 8 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 15 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 22 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 29 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| November 5 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20@25 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 12 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 19 | 29 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 40 | 29 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 26 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 85 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| December 3 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 85 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 10 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 85 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 17 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 85 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 24 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 35 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| January 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| February 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| February 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| March 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| March 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| April 4 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 11 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 18 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 25 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| March 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| April 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| April 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| May 5 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 12 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 19 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 26 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| May 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| June 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| May 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| June 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| June 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| July 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| July 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| August 7 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 14 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 21 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| 28 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |
| August 31 | 33 | 20 | 15 | 10 | 10 | 25 | 15 | 30 | 20 | 50 | 33 | 20 | 20 | 15 | 10 | 10 | 25 | 30 | 15 | 35 | 25 | 25 | | |

* No session of the Chamber.

† Navigation suspended from Ice.

Table showing the stages of water in the Ohio River at Cincinnati, Louisville and Pittsburgh, respectively, in the Kanawha at Charleston, West Virginia, the Monongahela at Brownsville, Pennsylvania, and the Allegheny at Oil City, Pennsylvania, on Tuesday of each week in the year 1878-79:

| DATES. | Brownsville. | Charleston. | Cincinnati. | Louisville, In Canal. | Oil City. | Pittsburgh. |
|------------------|--------------|-------------|-------------|--------------------------|-------------|-------------|
| | Feet. Inch. | Feet. Inch. | Feet. Inch. | Feet. Inch. | Feet. Inch. | Feet. Inch. |
| September 3..... | 3 6 | 7 5 | 7 1 | 5 2 | 8 | 1 1 |
| 10..... | 2 4 | 3 2 | 6 3 | 4 8 | 8 | 10 |
| 17..... | 5 3 | | 36 2 | 12 4 | 3 | 7 |
| 24..... | 2 6 | 5 5 | 15 3 | 8 6 | 10 | 2 |
| October 1..... | 3 10 | 3 6 | 7 4 | 5 1 | 10 | 6 |
| 8..... | 3 11 | 2 | 5 | 3 10 | 10 | 1 |
| 15..... | 3 11 | 3 3 | 4 7 | 3 3 | 10 | |
| 22..... | 3 9 | 3 3 | 4 5 | | 10 | |
| 29..... | 4 7 | 6 | 10 6 | 5 3 | 1 9 | 3 9 |
| November 5..... | 5 | 5 3 | 11 11 | 6 4 | 1 3 | 3 8 |
| 12..... | 5 10 | 5 4 | 9 5 | 5 8 | 1 3 | 4 3 |
| 19..... | 6 6 | 5 | 13 2 | 5 10 | 3 | 6 |
| 26..... | 10 6 | 7 6 | 19 8 | 7 11 | 5 9 | 11 3 |
| December 3..... | 7 5 | 7 8 | 37 2 | 14 6 | 5 3 | 8 9 |
| 10..... | 7 10 | 7 | 30 1 | 12 | 6 6 | 9 10 |
| 17..... | 12 9 | 10 6 | 40 2 | 16 | 5 | 11 9 |
| 24..... | 8 10 | 8 | 22 | 9 6 | 1 10 | |
| 31..... | | | 13 9 | 7 8 | 1 10 | |
| January 7..... | | 4 | 12 4 | 8 2 | 1 10 | |
| 14..... | | 30 | 25 3 | 7 | 3 | 3 |
| 21..... | 11 5 | 8 6 | 33 4 | 12 10 | 3 | 7 9 |
| 28..... | 11 2 | 9 | 33 3 | 7 9 | 3 5 | 9 9 |
| February 4..... | 6 7 | 6 6 | 37 9 | 10 | 2 10 | 6 10 |
| 11..... | 6 | 7 | 24 10 | 10 4 | 2 | 4 9 |
| 18..... | 5 10 | 6 3 | 26 4 | 10 6 | 3 | 6 4 |
| 25..... | 7 1 | 7 6 | 19 3 | 9 | 2 | 5 |
| March 4..... | 12 3 | 7 | 29 1 | | 2 6 | 9 3 |
| 11..... | 10 6 | 9 | 33 11 | 10 3 | 13 4 | 16 9 |
| 18..... | 7 6 | 7 6 | 34 9 | 12 2 | 6 | |
| 25..... | 11 4 | | 31 4 | 7 10 | 2 6 | 9 9 |
| April 1..... | 11 10 | | 37 11 | 14 4 | 5 4 | 12 5 |
| 8..... | 5 7 | 5 6 | 24 8 | 10 6 | 3 4 | 6 |
| 15..... | 5 3 | 5 6 | 17 3 | 8 5 | 4 8 | 7 3 |
| 22..... | 5 5 | 7 6 | 21 9 | 9 | 4 7 | 7 5 |
| 29..... | 4 10 | 5 | 15 10 | 8 | 3 5 | 5 4 |
| May 6..... | 4 2 | 4 2 | 12 2 | 6 8 | 1 10 | 3 2 |
| 13..... | 4 | 3 2 | 9 4 | 5 6 | 1 10 | 2 |
| 20..... | 4 7 | 8 | 8 1 | 5 | 2 6 | 4 1 |
| 27..... | 4 2 | 7 6 | 14 1 | 5 9 | 1 | |
| June 3..... | 3 11 | 5 6 | 10 9 | 6 9 | 1 | 2 1 |
| 10..... | 3 8 | 3 9 | 7 10 | 6 2 | 1 | 2 4 |
| 17..... | 3 7 | 3 6 | 7 6 | 5 2 | 1 | 1 6 |
| 24..... | 3 5 | 2 4 | 5 9 | 4 | 1 | 9 |
| July 1..... | 3 3 | 2 3 | 5 | 3 9 | 2 | 2 5 |
| 8..... | 3 6 | 2 6 | 5 1 | 3 4 | 6 | 1 1 |
| 15..... | 5 5 | 3 5 | 5 | 3 7 | 7 | 3 8 |
| 22..... | 3 8 | 1 10 | 7 8 | 4 8 | 5 | 8 |
| 29..... | 6 1 | 2 8 | 4 2 | 3 7 | 2 7 | 5 9 |
| August 5..... | | | 9 10 | 5 11 | 4 | 2 8 |
| 12..... | 4 1 | 3 8 | 7 9 | 4 9 | 4 | 2 |
| 19..... | 4 1 | 3 6 | 7 11 | 5 8 | 7 | 2 2 |
| 26..... | 4 2 | 5 6 | 16 3 | 9 | 5 | 4 6 |

ALE, BEER, ETC.

The production of malt liquors at Cincinnati, during the past year, has not only been an increase over 1877-78, but has been the largest in the history of the city. The total quantity manufactured aggregated 558,709 barrels, compared with 550,518 barrels in the preceding year, 475,212 in 1876-77, 476,228 in 1875-76, 452,177 in 1874-75, 465,886 in 1873-74 and 467,790 in 1872-73. Reduced to gallons, the production in 1878-79 was 17,319,979, compared with 17,066,058 in the previous year. The production in Covington and Newport for the past year was 47,740 barrels, in comparison with 44,470 in 1877-78, 38,204 in 1876-77 and 40,586 in 1875-76. The aggregate production of the three cities in the year was 606,449 barrels or 18,799,919 gallons, in comparison with 594,988 barrels or 18,444,261 gallons in 1877-78.

While the production has increased, the shipments from the city, according to the books of the Merchants' Exchange, show a reduction, having been, exclusive of bottled beer, 162,593 barrels, in comparison with 184,634 in 1877-78, a falling off of 22,041 barrels. This is traceable to a number of causes, the complete interruption to business south, from the yellow fever in the early part of the year being prominent among them. More favorable rates from the eastern sea-board, by which they could ship more advantageously than ever to Georgia, Alabama and South Carolina, also operated unfavorably to shipments, after the dangers from yellow fever had subsided. This leads the brewers to look with deeper interest than ever before to the early completion of the Cincinnati Southern Railway, which they hope will bring them more direct and speedy transportation, and rates that will enable them to compete successfully in the South with producers from every locality.

In the manufacture of malt liquors, in the three cities, during the year, there were consumed 1,426,841 bushels of malt, and 1,145,826 pounds of hops, besides coal amounting, approximately, to 6,500,000 bushels, and coke 4,000,000 bushels. The consumption of ice is estimated at 55,000 tons.

The business of the year, though not perfectly free from some attrition in prices, has been mainly satisfactory to brewers. Grain and hops were both low. Ice, until the approach of the holidays, ruled very high, some costing \$15 per ton in quantities, but the rigorous winter which followed, effectually put an end to extraordinary prices, so that during the remainder of the year it was furnished brewers at \$2 00 @ \$3 50 per ton, the inside rates for the earlier part of the calendar year. Another brewery has been added to the lager beer list. There has not been wanting, at times, considerable competition, and while this did not result in the fluctuations of the previous year, it prevented uniformity in price. The larger quantity of the beer found a market at \$8 00 per barrel, though much was sold, either directly or indirectly, at \$7 00.

No one who watches the reports from year to year can fail to be impressed with the progress which this great department of our industry is steadily making. Not only is its name more favorably known each year in other localities, but the figures show a marked growth in home consumption. Deducting the shipments from the quantity produced, there remained for local consumption in the three cities, during the year just closed, 443,856 barrels, showing an increase over 1877-78 of 33,502 barrels, and over 1876-77 of 78,959 barrels. It would appear from this, that, without taking into account 6,956 barrels which came into the city from other localities, there remained in Cincinnati, Covington and Newport, in the past year, mainly for home consumption, 13,759,536 gallons, or the equivalent of 177,542,400 glasses of the usual size.

Relative prices for ale, beer and porter, at the close of August, for five years:

| ARTICLES. | 1879 | 1878 | 1877 | 1876 | 1875 |
|----------------------|-------------|-------------|--------------|--------------|--------------|
| Ale, per bbl..... | \$7 00@9 00 | \$7 00@9 00 | \$8 00@10 00 | \$9 00@11 00 | \$9 00@11 00 |
| Beer, Lager, " | 8 00 | 8 00 | 9 00 | 10 00 | 10 00 |
| Porter, " | 7 00@9 00 | 7 00@9 00 | 8 00@10 00 | 9 00@11 00 | 9 00@11 00 |

The monthly sales of beer stamps in Hamilton County (Cincinnati), and Covington and Newport, during a period of three years, appear in the following table. The tax on each barrel being \$1 00, less 7½ per cent., these figures will show about the relative monthly and annual production :

| MONTHS. | CINCINNATI. | | | COVINGTON AND NEWPORT. | | |
|----------------|--------------|--------------|--------------|------------------------|-------------|-------------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| August | \$56,135 94 | \$52,713 41 | \$46,075 17 | \$5,254 00 | \$4,634 25 | \$4,235 01 |
| September..... | 45,496 13 | 43,121 19 | 42,899 23 | 3,875 75 | 3,422 50 | 3,357 75 |
| October..... | 42,112 94 | 42,328 40 | 32,532 25 | 3,478 00 | 3,459 50 | 2,432 75 |
| November..... | 34,992 75 | 33,792 56 | 31,076 53 | 2,821 25 | 2,395 75 | 2,294 00 |
| December..... | 33,232 94 | 38,068 38 | 28,755 25 | 2,516 00 | 2,895 25 | 2,183 00 |
| January..... | 28,589 42 | 30,152 46 | 24,066 19 | 2,319 50 | 2,081 25 | 1,894 40 |
| February..... | 29,106 54 | 29,028 35 | 27,888 75 | 2,275 50 | 2,173 75 | 2,090 50 |
| March..... | 36,769 68 | 37,649 35 | 38,753 71 | 2,849 00 | 2,793 50 | 2,253 30 |
| April..... | 41,834 52 | 42,973 19 | 31,692 13 | 3,644 50 | 3,182 00 | 2,960 00 |
| May..... | 54,686 93 | 48,511 63 | 44,453 88 | 4,763 75 | 3,931 25 | 3,626 00 |
| June..... | 53,120 90 | 48,199 45 | 47,557 03 | 4,662 00 | 4,171 75 | 3,801 75 |
| July..... | 60,727 18 | 62,691 83 | 46,321 69 | 5,670 25 | 5,994 00 | 4,190 25 |
| Totals | \$516,805 87 | \$509,229 88 | \$439,571 81 | \$44,169 50 | \$41,134 75 | \$35,338 70 |

Table showing the annual receipts and shipments of beer, as indicated by the books of the Merchants' Exchange, during the last twenty-two years, each year ending August 31st :

| YEARS. | Receipts, bbls. | Shipments, bbls. | YEARS. | Receipts, bbls. | Shipments, bbls. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1857-58..... | 6,110 | 23,489 | 1868-69..... | 3,408 | 65,920 |
| 1858-59..... | 8,545 | 21,852 | 1869-70..... | 6,569 | 86,540 |
| 1859-60..... | 6,934 | 22,581 | 1870-71..... | 5,155 | 117,909 |
| 1860-61..... | 5,844 | 20,160 | 1871-72..... | 4,610 | 130,825 |
| 1861-62..... | 5,361 | 19,870 | 1872-73..... | 5,897 | 123,625 |
| 1862-63..... | 8,806 | 26,093 | 1873-74..... | 4,882 | 121,604 |
| 1863-64..... | 8,209 | 31,308 | 1874-75..... | 6,422 | 109,172 |
| 1864-65..... | 10,829 | 49,995 | 1875-76..... | 7,913 | 125,360 |
| 1865-66..... | 8,028 | 41,683 | 1876-77..... | 5,431 | 148,519 |
| 1866-67..... | 5,397 | 29,454 | 1877-78..... | 7,882 | 184,634 |
| 1867-68..... | 3,361 | 33,429 | 1878-79..... | 6,956 | 162,593 |

BARK, (TANNERS').

The peel of tanners' bark in 1879, as well as in 1878, was less than usual, but the extraordinary supply which was furnished in 1877, a part of which was carried over into the two succeeding years, quite provided for the deficiency and kept this market well stocked throughout the year with good bark. The second summer of the Cincinnati Southern Railway has brought a still larger supply of excellent bark over that road, and while it has also tempered prices, it has raised the general average in quality, constraining those engaged in gathering it in other localities to exercise larger care in preparing the bark for market. Prices, while they have not been so low as in the preceding year, have ruled at lower figures than many supposed at the opening of the bark year in 1878. The average quotation during the year, per cord of 160 cubic feet, in Cincinnati, was \$11 28, in comparison with \$10 30 in 1877-78, \$17 42 in 1876-77, \$12 75 in 1875-76, \$13 81 in 1874-75, \$14 48 in 1873-74, and \$20 91 in 1872-73.

Table showing the quotation per cord (160 cubic feet), of tanners' bark, at Cincinnati, on Tuesday of each week, for four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|
| September 3..... | \$12 50 | \$12 00 | \$16 50 | \$12 50 | March 4..... | \$12 00 | \$9 00 | \$21 00 | \$11 50 |
| 10..... | 12 50 | 12 00 | 16 50 | 12 50 | 11..... | 12 00 | 9 00 | 21 00 | 11 50 |
| 17..... | 12 50 | 12 00 | 16 50 | 12 00 | 18..... | 12 00 | 9 00 | 20 50 | 11 50 |
| October 21..... | 12 50 | 11 00 | 17 00 | 12 00 | 25..... | 12 50 | 8 50 | 20 50 | 11 50 |
| 1..... | 12 00 | 11 00 | 17 00 | 12 00 | April 1..... | 13 00 | 8 50 | 19 00 | 11 50 |
| 8..... | 12 00 | 11 00 | 18 00 | 12 00 | 18..... | 13 00 | 8 50 | 19 00 | 11 00 |
| 15..... | 12 00 | 11 00 | 18 00 | 13 00 | 15..... | 13 00 | 8 50 | 18 50 | 11 00 |
| 22..... | 13 00 | 11 00 | 18 50 | 13 00 | 22..... | 12 00 | 8 50 | 18 50 | 11 00 |
| 29..... | 13 00 | 10 00 | 18 50 | 13 00 | 29..... | 12 00 | 8 50 | *16 00 | 12 00 |
| November 5..... | 12 00 | 10 00 | 18 50 | 13 00 | May 6..... | 11 50 | 8 50 | 15 00 | 12 50 |
| 12..... | 11 50 | 10 00 | 20 00 | 13 00 | 13..... | 11 00 | 8 50 | 15 00 | 12 50 |
| 19..... | 11 50 | 10 00 | 20 00 | 13 00 | 20..... | 11 00 | 8 50 | 15 00 | 13 00 |
| 26..... | 11 50 | 10 00 | 20 00 | 13 00 | 27..... | 10 50 | 8 75 | 13 00 | 13 00 |
| December 3..... | 11 00 | 10 00 | 20 00 | 12 00 | June 3..... | 10 00 | †10 00 | 13 00 | 14 00 |
| 10..... | 11 00 | 9 50 | 20 00 | 12 00 | 10..... | 10 00 | 10 00 | 12 00 | 14 00 |
| 17..... | 11 00 | 9 50 | 21 00 | 12 00 | 17..... | 10 00 | 11 00 | 12 00 | 14 00 |
| 24..... | 11 00 | 9 50 | 21 00 | 12 00 | 24..... | 10 00 | 11 50 | 12 00 | 14 00 |
| 31..... | 11 00 | 9 50 | 21 00 | 12 00 | July 1..... | 10 00 | 12 00 | 12 00 | 14 00 |
| January 7..... | 11 00 | 9 50 | 22 00 | 12 00 | 8..... | 10 00 | 12 00 | 11 00 | 15 00 |
| 14..... | 11 00 | 9 00 | 22 00 | 12 00 | 15..... | 10 00 | 13 00 | 12 00 | 15 00 |
| 21..... | 11 00 | 9 00 | 22 00 | 12 00 | 22..... | 9 75 | 13 00 | 12 00 | 15 00 |
| 28..... | 11 00 | 9 00 | 22 00 | 12 00 | 29..... | 10 00 | 13 50 | 12 00 | 15 00 |
| February 4..... | 11 00 | 9 00 | 25 00 | 11 50 | August 5..... | 10 00 | 13 50 | 12 00 | 15 00 |
| 11..... | 10 50 | 9 00 | 22 00 | 11 50 | 12..... | 10 00 | 14 50 | 12 00 | 15 50 |
| 18..... | 11 00 | 9 00 | 22 00 | 11 50 | 19..... | 10 00 | 14 00 | 12 00 | 15 50 |
| 25..... | 11 50 | 9 00 | 22 00 | 11 50 | 26..... | 10 00 | 14 00 | 12 00 | 15 50 |

*New.

†New bark commenced to arrive, but there was no difference between the old and new in price.

BEANS.

The movement of beans here indicates a larger business in the last year than in 1877-78, the receipts having been 36,736 bushels, in comparison with 17,125 in the preceding year, and the shipments 13,902 bushels, compared with 8,107. The crop having been light in this vicinity, beans were brought in considerable quantities from Michigan and New York. There has been a good consumptive demand throughout the year. Though prices were well maintained at \$1 80 per bushel during the earlier weeks of the commercial year, they gradually gave way as the cold weather advanced, so that by midwinter navy beans had declined from \$1 80 to \$1 25 per bushel. There was a slow appreciation followed, until in May, when they were quotable at \$1 50, and so remained until the close of August, the year going out with light stocks. The average quotation for the year for prime navy beans was \$1 50 per bushel, in comparison with \$1 94 in 1877-78, \$2 06 in 1876-77, \$1 29 in 1875-76, \$1 98 in 1874-75, \$2 32 in 1873-74, and \$2 66 in 1872-73, the averages for the years preceding 1875-76 being for prime medium beans.

Table showing the receipts and shipments of beans for thirty-four years, each year ending August 31st:

| YEARS. | Receipts, bush. | Shipm'ts, *bbls. | YEARS. | Receipts, bush. | Shipm'ts, *bbls. | YEARS. | Receipts, bush. | Shipm'ts, *bbls. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1845-46..... | 10,202 | 2,048 | 1856-57..... | 35,492 | 4,736 | 1868-69..... | 18,975 | 4,532 |
| 1846-47..... | 11,668 | 378 | 1857-58..... | 23,839 | 4,783 | 1869-70..... | 37,549 | 10,113 |
| 1847-48..... | 8,757 | 1,097 | 1858-59..... | 44,623 | 10,330 | 1870-71..... | 53,781 | 12,680 |
| 1848-49..... | 3,067 | 1,685 | 1859-60..... | 30,352 | 3,445 | 1871-72..... | 33,258 | 8,935 |
| 1849-50..... | 5,565 | 2,496 | 1860-61..... | 23,004 | 7,567 | 1872-73..... | 51,625 | *48,719 |
| 1850-51..... | 31,037 | 1,832 | 1861-62..... | 39,260 | 12,796 | 1873-74..... | 37,827 | *27,315 |
| 1851-52..... | 14,137 | 1,611 | 1862-63..... | 55,499 | 15,643 | 1874-75..... | 52,200 | *36,946 |
| 1852-53..... | 26,439 | 3,925 | 1863-64..... | 77,550 | 23,956 | 1875-76..... | 52,238 | *44,150 |
| 1853-54..... | 21,332 | 3,698 | 1864-65..... | 92,308 | 25,107 | 1876-77..... | 39,516 | *25,473 |
| 1854-55..... | 17,137 | 1,297 | 1865-66..... | 34,208 | 6,015 | 1877-78..... | 17,125 | *8,107 |
| 1855-56..... | 15,493 | 1,891 | 1866-67..... | 35,855 | 9,162 | 1878-79..... | 36,736 | *13,902 |
| | | | 1867-68..... | 20,869 | 5,601 | | | |

*The shipments of beans from 1872-73 to 1878-79, inclusive, are in bushels—previously they are in barrels.

Table showing the prices per bushel of prime navy beans, at Cincinnati, on Tuesday of each week, in four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|
| September 8..... | \$1 80 | \$2 50 | 90 | \$2 00 | March 4..... | \$1 40 | \$1 90 | \$1 90 | \$1 25 |
| 10..... | 1 80 | 2 40 | 90 | 2 00 | 11..... | 1 40 | 1 90 | 1 80 | 1 15 |
| 17..... | 1 80 | 2 40 | \$1 03 | 2 00 | 18..... | 1 40 | 1 90 | 1 75 | 1 15 |
| 24..... | 1 80 | 2 40 | 1 25 | 2 00 | 25..... | 1 40 | 1 80 | 1 75 | 1 10 |
| October 1..... | 1 80 | 2 40 | 1 25 | 1 90 | April 1..... | 1 45 | 1 80 | 1 85 | 1 10 |
| 8..... | 1 80 | 2 30 | 1 25 | 1 90 | 8..... | 1 45 | 1 80 | 1 85 | 1 10 |
| 15..... | 1 80 | 2 25 | 1 85 | 1 75 | 15..... | 1 45 | 1 75 | 2 00 | 1 00 |
| 22..... | 1 80 | 2 25 | 1 40 | 1 75 | 22..... | 1 45 | 1 75 | 2 15 | 1 00 |
| 29..... | 1 75 | 2 10 | 1 40 | 1 75 | 29..... | 1 45 | 1 70 | 2 25 | 1 00 |
| November 5..... | 1 70 | 2 10 | 1 60 | 1 70 | May 6..... | 1 50 | 1 70 | 2 25 | 1 00 |
| 12..... | 1 60 | 2 10 | 1 60 | 1 60 | 13..... | 1 50 | 1 65 | 2 50 | 1 00 |
| 19..... | 1 60 | 2 10 | 1 70 | 1 50 | 20..... | 1 50 | 1 65 | 2 75 | 1 00 |
| 26..... | 1 50 | 2 10 | 1 75 | 1 50 | 27..... | 1 50 | 1 65 | 2 85 | 1 00 |
| December 3..... | 1 40 | 2 10 | 1 80 | 1 50 | June 3..... | 1 50 | 1 65 | 2 85 | 1 00 |
| 10..... | 1 40 | 2 10 | 1 80 | 1 50 | 10..... | 1 50 | 1 65 | 2 85 | 1 00 |
| 17..... | 1 35 | 2 10 | 1 85 | 1 50 | 17..... | 1 50 | 1 65 | 2 85 | 1 00 |
| 24..... | 1 30 | 2 05 | 1 85 | 1 50 | 24..... | 1 50 | 1 65 | 2 85 | 1 00 |
| 31..... | 1 30 | 2 05 | 1 90 | 1 40 | July 1..... | 1 50 | 1 65 | 2 85 | 90 |
| January 7..... | 1 30 | 2 05 | 2 00 | 1 40 | 8..... | 1 50 | 1 65 | 2 75 | 90 |
| 14..... | 1 30 | 2 00 | 2 10 | 1 40 | 15..... | 1 50 | 1 70 | 2 75 | 90 |
| 21..... | 1 30 | 2 00 | 2 15 | 1 30 | 22..... | 1 50 | 1 75 | 2 75 | 90 |
| 28..... | 1 25 | 2 00 | 2 15 | 1 25 | 29..... | 1 50 | 1 80 | 2 75 | 90 |
| February 4..... | 1 25 | 1 95 | 2 15 | 1 25 | August 5..... | 1 50 | 1 80 | 2 75 | 90 |
| 11..... | 1 25 | 1 95 | 2 10 | 1 25 | 12..... | 1 50 | 1 80 | 2 75 | 90 |
| 18..... | 1 35 | 1 90 | 2 10 | 1 25 | 19..... | 1 50 | 1 80 | 2 75 | 90 |
| 25..... | 1 35 | 1 90 | 2 00 | 1 25 | 26..... | 1 50 | 1 80 | 2 75 | 90 |

BEESWAX.

The receipts of beeswax have been light, though equal to the preceding year. There has been no shipping margin, and under a declining market there has been little spirit to the trade. Prices have been the lowest in many years. The price the first six months of the commercial year remained at about 24 cents per pound, since which it has steadily declined, the year closing with the quotation at 20 cents. The average quotation was 22.6 cents per pound, compared with 24.5 in 1877-78, 27.6 in 1876-77, 27 in 1875-76, 27 in 1874-75, 26.4 in 1873-74, and 29.6 in 1872-73.

BOOTS AND SHOES.

In no department of our trade have there been more pronounced evidences of better times than in boots and shoes, whether the subject be regarded from a purely commercial or an industrial standpoint. During the winter, the business shared in the condition of uncertainty incident to what proved a transition period from depression to a better state of affairs. The experiment of resumption, concerning which there had existed deeply grounded fears and strong prejudices, had yet to be made, and though business men mainly sympathized with the purpose of the Government in driving straight to resumption on a given day, there were very many who doubted its expediency, and who were afraid that it would not be successful. This was sufficient to produce, during much of the winter, a disposition to await the development of facts. When it became more and more apparent that the real crisis was over, even before the day appointed had arrived, and that resumption was an assured fact, an improved tone was soon manifest in all branches of business. This was specially apparent in boots and shoes. A liberal replenishment of stocks by country merchants, which followed, soon announced the dawn of better days. Early in the spring, there was a hardening of prices, and by

midsummer there had been a decided advance established in many kinds of goods. Since that time, there has been a further stiffening of the market, though it has not been confined uniformly to all classes of goods. In men's boots, it is estimated that the entire advance has been about \$2 00 per case, and in women's shoes about ten cents per pair. Some of our manufacturers, however, report little appreciation in the prices of goods thus far, though they give positive assurance of a stronger feeling among all classes of the boot and shoe trade. The aggregate advance has probably been from 5@7 per cent. With advancing prices has come an improved inquiry for goods. Not only will the aggregate production and sale of goods of this class be larger here than in the preceding year, in bulk, but the aggregate value will exhibit a material increase. A better feeling runs through all classes. Collections have improved. Country merchants are in better condition, and are buying with a confidence which has not been witnessed for a painfully long period. Our manufacturers will show a larger production than ever before. In Cincinnati this is a growing business. It has already developed with astonishing rapidity, and there is the best reason to expect the improvement will continue. The movement in boots and shoes is the largest in the history of the city, the receipts having been 137,062 cases, compared with 85,931 in the previous year, and the shipments 121,325 cases, in comparison with 97,972. The total production of boots and shoes in this city, in 1878, was \$5 560 282, and the hands employed in this industry numbered 5,179.

The following table shows the prices, at Cincinnati, for the leading kinds of boots and shoes, at the close of August, 1879 :

| KINDS. | 1879 | KINDS. | 1879 |
|----------------------------|-------------|---|-------------|
| Men's split boots..... | \$1 50@2 25 | Boys' buff Alexis..... | \$1 00@1 50 |
| Boys' split boots..... | 1 25@2 00 | Youths' buff Alexis..... | 85@1 25 |
| Youths' split boots..... | 1 00@1 50 | Women's grain or split Polish..... | 75@1 15 |
| Men's kip boots..... | 2 00@2 50 | Misses' grain or split Polish..... | 65@1 00 |
| Boys' kip boots..... | 1 75@2 25 | Child's grain or split Polish..... | 55@ 85 |
| Youths' kip boots..... | 1 50@2 00 | Women's grain sewed Polish..... | 1 00@1 35 |
| Men's P. calf boots..... | 2 25@3 25 | Misses' grain sewed Polish..... | 90@1 25 |
| Boys' P. calf boots..... | 2 00@3 00 | Child's grain sewed Polish..... | 80@1 10 |
| Youths' P. calf boots..... | 1 50@2 50 | Women's grain sewed side lace..... | 1 00@1 35 |
| Men's calf boots..... | 2 00@3 50 | Misses' grain sewed side lace..... | 90@1 25 |
| Boys' calf boots..... | 1 50@2 25 | Child's grain sewed side lace..... | 80@1 10 |
| Men's split brogans..... | 75@1 10 | Women's pebble-goat or kid, s l or Polish..... | 1 25@1 85 |
| Boys' split brogans..... | 60@ 85 | Misses' pebble-goat or kid, s lace or Polish..... | 1 00@1 50 |
| Men's kip brogans..... | 1 00@1 50 | Child's pebble-goat or kid, s l or Polish..... | 90@1 35 |
| Boys' kip brogans..... | 75@1 10 | Child's goat balmorals or side lace..... | 40@ 75 |
| Men's buff Alexis..... | 1 25@2 00 | | |

Table showing the imports and exports of boots and shoes at Cincinnati, as shown by the books of the Merchants' Exchange, during a period of twenty-two years :

| YEARS. | Receipts, cases. | Shipmt's, cases. | YEARS. | Receipts, cases. | Shipmt's, cases. | YEARS. | Receipts, cases. | Shipmt's, cases. |
|--------------|---------------------|---------------------|--------------|---------------------|---------------------|--------------|---------------------|---------------------|
| 1857-58..... | 24,193 | 43,979 | 1864-65..... | 23,875 | 27,818 | 1872-73..... | 79,928 | 42,807 |
| 1858-59..... | 49,554 | 49,070 | 1865-66..... | 57,165 | 18,897 | 1873-74..... | 91,584 | 47,733 |
| 1859-60..... | 58,994 | 36,261 | 1866-67..... | 50,494 | 17,067 | 1874-75..... | 88,049 | 57,548 |
| 1860-61..... | 30,915 | 10,881 | 1867-68..... | 50,162 | 19,375 | 1875-76..... | 78,820 | 79,100 |
| 1861-62..... | 22,401 | 15,738 | 1868-69..... | 51,162 | 21,829 | 1876-77..... | 117,000 | 100,820 |
| 1862-63..... | 42,840 | 13,538 | 1869-70..... | 90,994 | 17,698 | 1877-78..... | 85,931 | 97,972 |
| 1863-64..... | 42,869 | 25,092 | 1870-71..... | 104,907 | 48,134 | 1878-79..... | 137,062 | 121,325 |
| | | | 1871-72..... | 108,627 | 38,894 | | | |

BRAN, MIDLINGS, ETC.

The business in mill feed has been more than maintained throughout the year, the receipts having been 12,705 tons, in comparison with 11,052 in 1877-78, and the shipments 6,394 tons, compared with 5,684, the movement both ways showing an increase. Bran has been in good demand throughout the year, prices not having undergone much fluctuation. The principal inquiry has been for home consumption, though at times, stimulated by low freights, it has found its way to the East, shipments having been made at one time to Philadelphia at the extremely low rate of 10 cents per 100 pounds. Early in the year, the quotation for bran was \$9 00@9 50 per ton. Prices were \$1 00 per ton better in October, after which they were unusually equable until the hot weather had fairly set in, when there was a decline, the year closing at \$9 25@9 50. The average quotation for the year was \$10 32 per ton, in comparison with \$11 86 in 1877-78, \$12 80 in 1876-77, \$12 58 in 1875-76, \$18 47 in 1874-75, and \$14 96 in 1873-74. Middlings have been in good demand, with larger sales than usual for local uses, though some have gone East, which is unusual. The market has been well supplied in the main, though at times there was a scarcity, and the quality has been poorer than ever before known. Prices have been equable, the quotation for fine middlings having ranged from \$16 00@17 00 during the first four months, and slowly declined subsequently to \$15 50, which was the closing quotation. The average quotation for fine middlings was \$15 64 per ton, compared with \$18 82 in 1877-78, \$21 23 in 1876-77, and \$22 42 in 1875-76; for coarse, \$13 50, compared with \$16 36 in 1877-78, \$17 84 in 1876-77, and \$18 99 in 1875-76. The average quotation for shipstuff was \$11 45, in comparison with \$13 47 in 1877-78, \$14 80 in 1876-77, and \$15 58 in 1875-76.

Table showing the prices per ton of bran, at Cincinnati, on Tuesday of each week, during a period of three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|--------------|--------------|--------------|---------------|---------------|-------------|---------------|
| September 3..... | \$9 00@ 9 50 | \$9 50@10 00 | \$9 50@10 00 | March 4..... | \$10 00@10 50 | \$15 50 | \$13 50@14 00 |
| 10..... | 9 00@ 9 50 | 9 50@10 00 | 9 50@ 9 75 | 11..... | 10 50@11 00 | 15 50 | 13 50@14 00 |
| 17..... | 9 75@10 00 | 9 50@10 00 | 9 50@10 00 | 18..... | 11 00@11 50 | 15 50 | 13 50@14 00 |
| 24..... | 9 75@10 00 | 11 00 | 9 50@10 00 | 25..... | 12 00@12 50 | 15 00@15 50 | 13 50@14 00 |
| October 1..... | 10 50 | 11 00 | 9 00@ 9 50 | 1..... | 12 00 | 14 00@14 50 | 14 00 |
| 8..... | 10 00@10 50 | 11 00 | 9 00@ 9 50 | 8..... | 12 00 | 14 00@14 50 | 16 00@17 00 |
| 15..... | 10 00@10 50 | 11 00@11 50 | 9 00@ 9 50 | 15..... | 11 50 | 14 00 | 18 00@19 00 |
| 22..... | 10 00@10 50 | 11 00@11 50 | 9 00@ 9 25 | 22..... | 11 50@12 00 | 12 50@13 00 | 18 00 |
| 29..... | 10 00@10 50 | 12 50@13 00 | 9 00@ 9 25 | 29..... | 11 50@12 00 | 12 00@12 50 | 18 00 |
| November 5..... | 10 00@10 50 | 12 50@13 00 | 9 50@10 00 | 6..... | 11 25@12 00 | 12 50 | 18 00 |
| 12..... | 10 00@10 50 | 12 50@13 00 | 9 50@10 00 | 13..... | 11 00@12 00 | 12 50@13 00 | 18 00 |
| 19..... | 9 50@10 00 | 12 50@13 00 | 9 50@10 00 | 20..... | 11 00@11 50 | 12 50@13 00 | 16 50@17 00 |
| 26..... | 9 50@10 00 | 12 50@13 00 | 9 50@10 00 | 27..... | 11 50@12 00 | 11 50 | 14 00 |
| December 3..... | 9 50@10 00 | 12 50@13 00 | 9 50@10 00 | June 3..... | 11 50@12 00 | 11 00@11 50 | 13 00@14 00 |
| 10..... | 9 50@10 00 | 12 50@13 00 | 9 50@10 00 | 10..... | 11 00@11 75 | 11 00 | 14 00@14 50 |
| 17..... | 10 00@10 25 | 12 50@13 00 | 10 00@11 00 | 17..... | 11 00 | 10 00@10 50 | 14 00@14 50 |
| 24..... | 10 00@10 25 | 12 50@13 00 | 11 00@12 00 | 24..... | 9 50@10 00 | 10 00 | 14 00@15 00 |
| 31..... | 10 00@10 25 | 12 50@13 00 | 12 00@14 00 | July 1..... | 9 00@ 9 50 | 9 50@10 00 | 14 00 |
| January 7..... | 10 00@10 25 | 12 00 | 14 00@15 00 | 8..... | 9 00@ 9 50 | 9 50 | 12 50@13 00 |
| 14..... | 10 00@10 25 | 12 00 | 15 00@16 00 | 15..... | 8 00@ 8 50 | 9 00@ 9 50 | 12 00@12 50 |
| 21..... | 10 00@10 25 | 12 00@12 50 | 14 50@15 00 | 22..... | 8 50@ 9 00 | 9 00@ 9 50 | 11 50@12 50 |
| 28..... | 10 50@11 00 | 12 00@12 50 | 14 50@15 00 | 29..... | 9 00 | 9 00@ 9 50 | 10 50@11 00 |
| February 4..... | 10 50 | 12 00@12 50 | 13 00 | August 5..... | 9 00 | 9 00@ 9 50 | 10 50@11 00 |
| 11..... | 10 00@10 50 | 13 00 | 13 00 | 12..... | 9 25@ 9 50 | 9 00@ 9 50 | 9 50@10 00 |
| 18..... | 10 00 | 13 00@13 50 | 13 50@14 50 | 19..... | 9 25@ 9 50 | 9 00@ 9 50 | 9 50@10 00 |
| 25..... | 10 00@10 25 | 13 50@14 50 | 13 50@14 00 | 26..... | 9 25@ 9 50 | 9 00@ 9 50 | 9 50@10 00 |

*No session of the Chamber.

Table showing the prices of bran, shipstuff and middlings, at Cincinnati, at the close of August, for five years:

| ARTICLES. | 1879 | 1878 | 1877 | 1876 | 1875 |
|---------------------------------|--------------|--------------|--------------|--------------|---------------|
| Bran, per ton..... | \$9 25@ 9 50 | \$9 00@ 9 50 | \$9 50@10 00 | \$9 50@10 00 | \$18 00@18 50 |
| Shipstuff, per ton..... | 10 50@11 00 | 11 00@12 00 | 13 00@15 00 | 10 00@12 00 | 19 00@20 00 |
| Middlings, coarse, per ton..... | 13 00@14 50 | 13 00@14 00 | 17 00@19 00 | 12 00@14 00 | 25 00@28 00 |
| Do. fine, per ton..... | 15 00@15 50 | 16 00@17 00 | 20 00@23 00 | 16 00@18 00 | 30 00@32 00 |

Table showing the annual receipts and shipments of bran, middlings, etc., at Cincinnati, during the last twenty-five years, the figures from 1872-73 to 1878-79, inclusive, giving the movement in tons; prior to that, in sacks:

| YEARS. | Receipts, sacks. | Shipmt's, sacks. | YEARS. | Receipts, sacks. | Shipmt's, sacks. | YEARS. | Receipts, sacks. | Shipmt's, sacks. |
|--------------|---------------------|---------------------|--------------|---------------------|---------------------|--------------|---------------------|---------------------|
| 1854-55..... | 71,416 | 11,456 | 1862-63..... | 147,240 | 12,051 | 1871-72..... | 157,519 | 65,891 |
| 1855-56..... | 180,018 | 19,142 | 1863-64..... | 129,836 | 7,793 | 1872-73..... | *11,518 | *5,536 |
| 1856-57..... | 125,046 | 15,657 | 1864-65..... | 178,917 | 13,181 | 1873-74..... | *8,642 | *3,575 |
| 1857-58..... | 164,814 | 27,705 | 1865-66..... | 135,761 | 18,658 | 1874-75..... | *8,880 | *3,326 |
| 1858-59..... | 154,054 | 20,211 | 1866-67..... | 92,693 | 17,810 | 1875-76..... | *13,083 | *7,853 |
| 1859-60..... | 161,638 | 43,186 | 1867-68..... | 95,867 | 18,225 | 1876-77..... | *11,480 | *5,936 |
| 1860-61..... | 133,093 | 34,663 | 1868-69..... | 163,401 | 49,146 | 1877-78..... | *11,052 | *5,684 |
| 1861-62..... | 151,268 | 24,321 | 1869-70..... | 209,140 | 67,946 | 1878-79..... | *12,705 | *6,394 |
| | | | 1870-71..... | 182,566 | 73,276 | | | |

*Reported in sacks until 1871-72; subsequently, in tons.

BROOMS AND BROOM CORN.

The business in broom corn, at this city, has not only been well maintained, but has been slightly larger than during the year preceding, the receipts in 1878-79 having been 1,441,800 pounds, in comparison with 1,403,900 pounds in 1877-78. The shipments have been 733,700 pounds, compared with 762,670. The old stock of 1877, which was carried over to 1878, was small, while the crop in 1878 was perhaps the largest ever harvested. Nebraska, Kansas, Missouri, Iowa, Illinois, and Indiana supplied our market. We had some receipts from the South, and it is worthy of notice that a larger quantity of broom corn was raised in the Southern States for home consumption than ever before in their history. The crop of 1878, large as it was, was not a profitable one to either growers or manufacturers. The corn generally was very long and coarse, frequently having to be shortened and subjected to waste in manufacturing. The cry from consumers was for cheap brooms, tempting the manufacturers to make them as light as possible, thus making the short corn the more desirable. The cheap corn, throughout the year, was much more largely sought. The direct exportation to Europe, which was noted in the previous year, has continued with satisfactory results. In the matter of price, the year has witnessed wide fluctuations. The closing month of the calendar year of 1878 brought great demoralization in the values of corn. Large quantities in the hands of outside parties were thrown on the market, for the time completely breaking it down. Good green, baled corn was sold in

some instances as low as \$40 00@50 00 per ton, while red, baled, under similar circumstances, sold at \$20 00@30 00. Crooked corn could be bought at \$20 00. These prices, however, were the wholesale ones for car lots at the depots, the prices from store, generally, at the same time, ruling much above these figures. This depression continued mainly throughout the winter. In the spring, there was an improved feeling, which, under the stimulation of a probably reduced acreage in 1879, ripened, by the 1st of July, into a sharp advance. The conviction prevailing that the supply was light, corn advanced until \$20 00@30 00 per ton had been added to the previous prices, in some cases the advance having been still larger. The indications for the crop of 1879 point to a materially reduced acreage, with other conditions favorable. There appears good reason to look for a large yield, the old commercial year going out with stocks in the country considerably less than in the preceding year, and these comprising mainly the good grades.

The business in brooms, in volume, shows a falling off, compared with the previous year. The trade in this article with the South, on account of the materially increased production there, has largely diminished, though compensation has been found in increased demand from the adjacent States. In actual production Cincinnati has increased, her manufacturers having increased in number during the year. Prices of brooms have necessarily pursued much the same course which has characterized the corn, though the fluctuations have not been so marked. There has been a great demand throughout the year for low-priced goods. The market has been mainly well supplied, though there has been of late a scarcity of good brooms. The year closed with an advance, established above the corresponding period of the previous year, on all grades of brooms, with all indications pointing to a better condition to the market than has been enjoyed for a number of years. The average price for common brooms for the year was \$1 50.7, in comparison with \$1 37 in 1877-78, \$1 43.4 in 1876-77, \$1 75.7 in 1875-76, \$2 60.8 in 1874-75, \$1 89.5 in 1873-74, \$1 76.5 in 1872-73. The shipments from the city, not embracing such as were sent in wagons, were 7,487 dozens, compared with 10,488 dozens in 1877-78.

Table showing the price of medium common brooms, at Cincinnati, on Tuesday of each week, for four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|
| September 3..... | \$1 50 | \$1 50 | \$1 50 | \$2 00 | March 4..... | \$1 45 | \$1 35 | \$1 35 | \$1 65 |
| 10..... | 1 50 | 1 50 | 1 50 | 2 00 | 11..... | 1 50 | 1 35 | 1 35 | 1 65 |
| 17..... | 1 50 | 1 50 | 1 50 | 2 00 | 18..... | 1 50 | 1 35 | 1 35 | 1 65 |
| 24..... | 1 50 | 1 40 | 1 50 | 2 25 | 25..... | 1 50 | 1 35 | 1 35 | 1 65 |
| October 1..... | 1 40 | 1 40 | 1 50 | 2 25 | April 1..... | 1 50 | 1 30 | 1 35 | 1 65 |
| 8..... | 1 40 | 1 40 | 1 40 | 2 25 | 8..... | 1 50 | 1 30 | 1 35 | 1 65 |
| 15..... | 1 40 | 1 40 | 1 40 | 2 25 | 15..... | 1 50 | 1 30 | 1 35 | 1 50 |
| 22..... | 1 40 | 1 40 | 1 40 | 2 25 | 22..... | 1 50 | 1 30 | 1 35 | 1 50 |
| 29..... | 1 40 | 1 40 | 1 40 | 2 25 | 29..... | 1 50 | 1 30 | 1 35 | 1 50 |
| November 5..... | 1 40 | 1 35 | 1 40 | 2 25 | May 6..... | 1 50 | 1 30 | 1 35 | 1 50 |
| 12..... | 1 40 | 1 35 | 1 40 | 2 00 | 13..... | 1 50 | 1 30 | 1 35 | 1 50 |
| 19..... | 1 40 | 1 35 | 1 40 | 2 00 | 20..... | 1 60 | 1 35 | 1 50 | 1 50 |
| 26..... | 1 35 | 1 35 | 1 50 | 2 00 | 27..... | 1 60 | 1 35 | 1 50 | 1 50 |
| December 3..... | 1 35 | 1 35 | 1 50 | 2 00 | June 3..... | 1 60 | 1 35 | 1 50 | 1 50 |
| 10..... | 1 35 | 1 35 | 1 50 | 2 00 | 10..... | 1 60 | 1 35 | 1 50 | 1 50 |
| 17..... | 1 35 | 1 35 | 1 50 | 2 00 | 17..... | 1 60 | 1 35 | 1 50 | 1 50 |
| 24..... | 1 35 | 1 35 | 1 50 | 2 00 | 24..... | 1 60 | 1 35 | 1 50 | 1 50 |
| 31..... | 1 35 | 1 35 | 1 50 | 1 75 | July 1..... | 1 60 | 1 35 | 1 50 | 1 50 |
| January 7..... | 1 45 | 1 40 | 1 50 | 1 75 | 8..... | 1 60 | 1 35 | 1 50 | 1 50 |
| 14..... | 1 45 | 1 40 | 1 35 | 1 75 | 15..... | 1 75 | 1 35 | 1 50 | 1 50 |
| 21..... | 1 45 | 1 40 | 1 35 | 1 75 | 22..... | 1 75 | 1 35 | 1 50 | 1 50 |
| 28..... | 1 45 | 1 40 | 1 35 | 1 75 | 29..... | 1 75 | 1 40 | 1 50 | 1 50 |
| February 4..... | 1 45 | 1 35 | 1 35 | 1 75 | August 5..... | 1 75 | 1 40 | 1 50 | 1 50 |
| 11..... | 1 45 | 1 35 | 1 35 | 1 75 | 12..... | 1 75 | 1 40 | 1 50 | 1 50 |
| 18..... | 1 45 | 1 35 | 1 35 | 1 75 | 19..... | 1 75 | 1 50 | 1 50 | 1 50 |
| 25..... | 1 45 | 1 35 | 1 35 | 1 75 | 26..... | 1 75 | 1 50 | 1 50 | 1 50 |

Table showing the comparative prices, per ton, of the various kinds of broom corn, at Cincinnati, for six years, at the close of August:

| KINDS. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|------------------------|----------|-----------|-----------|-----------|-----------|-----------|
| Green, baled..... | \$90@120 | \$100@120 | \$100@130 | \$110@140 | \$220@260 | \$120@170 |
| Red, baled..... | 80@ 70 | 80@ 80 | 60@ 80 | 40@ 60 } | 140@200 | 70@100 |
| Red tipped, baled..... | 75@ 85 | 85@ 95 | 80@ 90 | 70@ 90 } | | |
| Loose..... | 40@ 60 | 40@ 60 | 40@ 80 | 40@ 90 | 100@180 | 50@ 80 |
| Crooked..... | 40@ 70 | 40@ 80 | ..... | ..... | ..... | ..... |

Table showing the comparative prices of brooms of various kinds, at Cincinnati, at the close of August, for five years:

| KINDS. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 |
|---------------------------------|-------------|-----------|-----------|-----------|-----------|
| Shaker brooms, per dozen..... | \$2 25@2 50 | \$2 25 | \$2 50 | \$2 75 | \$3 25 |
| Imitation Shaker brooms, "..... | 1 75@2 00 | 1 50@2 00 | 1 75@2 00 | 2 00@2 25 | 2 75 |
| Medium brooms, "..... | 1 75@2 25 | 1 50@1 75 | 1 75@2 00 | 2 25 | 2 75@3 00 |
| Parlor brooms, "..... | 2 75@3 25 | 2 25@2 75 | 2 75@3 25 | ..... | ..... |
| Plain common brooms, "..... | 1 25@2 00 | 1 25@1 75 | 1 25@1 75 | 1 50@2 25 | 2 25@2 75 |
| Steamboat brooms, "..... | 3 50@4 25 | 2 75@3 50 | 3 50@4 00 | 4 50 | 5 50@6 00 |

Table showing the aggregate annual shipments of brooms from this city, by river, railroad and canal, for twenty-five years:

| YEARS. | Dozens. | YEARS. | Dozens. | YEARS. | Dozens. |
|--------------|---------|--------------|---------|--------------|---------|
| 1854-55..... | 18,275 | 1862-63..... | 12,021 | 1871-72..... | 9,853 |
| 1855-56..... | 28,099 | 1863-64..... | 19,945 | 1872-73..... | 18,716 |
| 1856-57..... | 28,696 | 1864-65..... | 30,448 | 1873-74..... | 20,022 |
| 1857-58..... | 18,618 | 1865-66..... | 26,800 | 1874-75..... | 20,079 |
| 1858-59..... | 19,214 | 1866-67..... | 19,529 | 1875-76..... | 16,317 |
| 1859-60..... | 24,641 | 1867-68..... | 11,124 | 1876-77..... | 11,321 |
| 1860-61..... | 18,147 | 1868-69..... | 17,546 | 1877-78..... | 10,488 |
| 1861-62..... | 8,707 | 1869-70..... | 14,340 | 1878-79..... | 7,487 |
| | | 1870-71..... | 12,027 | | |

BUTTER.

The business in butter in this market shows a material increase over the preceding year, the receipts and shipments both having been larger than in 1877-78. Our market, with the exception of a short time in the early spring, was well supplied with butter of good quality. There was considerable in the ice-houses carried over from 1877, and the receipts were liberal during nearly the whole year. From May 1st until the close of the commercial year, the receipts aggregated 50,959 packages, compared with 44,180 in 1877-78, and the shipments 11,595 packages, in comparison with 10,219. The receipts for the whole year were 126,156 packages, compared with 121,042, and the shipments 43,103, in comparison with 34,724. It will be observed that the gain in receipts has all taken place since the first of May. Prices were uniformly low here through-

out the winter, and after the warm season arrived, under the influence of much doubt in the minds of dealers as to the future of the article, there was an active demand, but only at low rates, good Ohio selling, at times, as low as 8@10 cents. Later, however, there was an improved feeling. In August, the scarcity, which usually attends September, appeared, and prices were somewhat better than they had been in the preceding two months. The general average of prices has been the lowest in sixteen years, the average quotation for choice Central Ohio butter having been 13.7 cents per pound, compared with 17.8 in the previous year, and 11.5 in 1862-63. The range between the common and good grades has been unusually narrow, and it is noticeable that the supplies of grease in the market have been very slender, there being little, if any, here at the close.

This report would not be complete without an allusion to the production of oleomargarine, or butterine, as it is now known commercially, which during the past year reached 571,076 pounds. The capacity of the works here has been largely increased during the past year, so that hereafter, if desirable, 10,000 pounds daily can be manufactured, which would make the aggregate, annually, 3,000,000 pounds. It is not expected that this quantity will be produced at present, but it shows how this article is coming into commercial importance when such preparations are made for its production. Nearly all is shipped from this city, much going to the South. The quality is steadily being improved, as the process is better understood. The quotation at the close of August was 13@14 cents per pound.

Table showing the comparative prices, at Cincinnati, for all kinds of butter, at the close of August, for five years :

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 |
|---------------------------------|--------|--------|--------|--------|--------|--------|
| Standard Creamery per lb. | 19@20c | 24@25c | 26@27c | ..... | ..... | ..... |
| Central Ohio, choice..... | 11@13 | 14@16 | 16@17 | 18@20c | 20@23c | 20@25c |
| Central Ohio, medium..... | 9@10 | 9@11 | 14 | 15@17 | 18@20 | 18@20 |
| Central Ohio, common..... | 6@7 | 6@8 | 10@11 | 13@15 | 16@18 | 17@18 |
| Grease..... | 4 | 3½ | 8¼@9 | 9@11 | 10@12 | 14@15 |

Table showing the price per pound of choice Central Ohio butter, at Cincinnati, on Tuesday of each week, in three years :

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 12½@15c | 16@17c | 18@20c | March 4..... | 16@17 | 21@25c | 20@21c |
| 10..... | 14@16 | 19@20 | 20@22 | 11..... | 16@17 | 21@23 | 23@24 |
| 17..... | 14@15 | 20@22 | 20@22 | 18..... | 14@15 | 24@26 | 23@24 |
| 24..... | 14@15 | 19@20 | 22@23 | 25..... | 16@18 | 24@26 | 23@24 |
| October 1..... | 16@18 | 19@20 | 22@23 | April 1..... | 16@18 | 24@26 | 22@23 |
| 8..... | 16@18 | 20@22 | 22@23 | 8..... | 16@18 | 19@21 | 22@23 |
| 15..... | 14@16 | 22@24 | 22@23 | 15..... | 13@15 | 18@20 | 20 |
| 22..... | 14@16 | 22@24 | 22 | 22..... | 12@14 | 18@20 | 16@17 |
| 29..... | 14@16 | 22@24 | 20 | 29..... | 12@13 | 16@18 | 16@17 |
| November 5..... | 14@16 | 22@24 | 18@19 | May 6..... | 10@13 | 16@18 | 16@17 |
| 12..... | 13@15 | 22@24 | 18@19 | 13..... | 10@13 | 12@13 | 16@17 |
| 19..... | 12¼@14 | 20@22 | 18@19 | 20..... | 10@11 | 11@12 | 16@17 |
| 26..... | 12½@14 | 18@20 | 18@19 | 27..... | 10@11 | 10@11 | 16@17 |
| December 3..... | 14@15 | 20@22 | 18@19 | June 3..... | 10@12 | 10@11 | 13@14 |
| 10..... | 14@16 | 20@22 | 18@19 | 10..... | 10@12 | 10@11 | 13@14 |
| 17..... | 14@16 | 18@20 | 18@19 | 17..... | 10@12 | 10@11 | 15 |
| 24..... | 14@16 | 19@21 | 19@21 | 24..... | 10@12 | 9@10 | 15 |
| 31..... | 14@16 | 19@21 | 19@21 | July 1..... | 10@12 | 9@10 | 13@15 |
| January 7..... | 14@16 | 18@20 | 19@21 | 8..... | 10@11 | 9@10 | 13@15 |
| 14..... | 16@18 | 20@23 | 18@20 | 15..... | 10@11 | 9@11 | 16@17 |
| 21..... | 16@18 | 18@20 | 18@20 | 22..... | 10@11 | 9@11 | 16@17 |
| 28..... | 13@16 | 18@21 | 18@20 | 29..... | 10@11 | 13@14 | 16@17 |
| February 4..... | 13@16 | 20@21 | 18@20 | August 5..... | 11@12 | 13@15 | 16@17 |
| 11..... | 15@17 | 20@21 | 18@20 | 12..... | 11@12 | 13@15 | 17@18 |
| 18..... | 16@17 | 21@23 | 20@21 | 19..... | 11@13 | 12@14 | 17@18 |
| 25..... | 16@17 | 21@23 | 20@21 | 26..... | 11@13 | 12½@15 | 16@17 |

*No session of the Chamber.

Table showing the imports and exports of butter, at Cincinnati, for ten consecutive years, from May 1st, the nominal commencement of the butter season; to August 31st, the close of the commercial year :

| YEARS. | RECEIPTS. | | SHIPMENTS. | |
|-----------|-----------|------------|------------|------------|
| | Barrels. | Tubs, etc. | Barrels. | Tubs, etc. |
| 1870..... | 108 | 21,831 | 30 | 6,071 |
| 1871..... | 389 | 26,171 | 139 | 5,321 |
| 1872..... | 402 | 27,051 | 156 | 5,754 |
| 1873..... | 393 | 19,388 | 227 | 4,574 |
| 1874..... | 54 | 18,445 | 312 | 5,640 |
| 1875..... | 100 | 33,956 | 107 | 5,419 |
| 1876..... | 144 | 54,385 | 78 | 9,115 |
| 1877..... | 262 | 46,848 | 131 | 8,248 |
| 1878..... | 46 | 44,134 | 51 | 10,168 |
| 1879..... | 133 | 30,826 | 113 | 11,482 |

Table showing the average price of choice Central Ohio butter, at Cincinnati, for twenty-one years :

| | | |
|-----------------------|-----------------------|-------------------------|
| 1857-58.....15 cents. | 1864-65.....35 cents. | 1872-73.....23.2 cents. |
| 1858-59.....19 do | 1865-66.....36.33 do | 1873-74.....27 do |
| 1859-60.....14.33 do | 1866-67.....26.5 do | 1874-75.....25.33 do |
| 1860-61.....13.16 do | 1867-68.....36.5 do | 1875-76.....23.16 do |
| 1861-62.....12.5 do | 1868-69.....32.57 do | 1876-77.....18.68 do |
| 1862-63.....11.5 do | 1869-70.....28.33 do | 1877-78.....17.8 do |
| 1863-64.....29 do | 1870-71.....24.62 do | 1878-79.....13.77 do |
| | 1871-72.....20.04 do | |

Table showing the annual receipts and shipments of butter, during a period of thirty-three years :

| YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | |
|--------------|-----------|------------|------------|------------|--------------|-----------|------------|------------|------------|
| | Barrels. | Tubs, etc. | Barrels. | Tubs, etc. | | Barrels. | Tubs, etc. | Barrels. | Tubs, etc. |
| 1846-47..... | 6,345 | 7,090 | 1,348 | 31,194 | 1863-64..... | 11,126 | 48,754 | 1,676 | 18,428 |
| 1847-48..... | 6,625 | 6,405 | 2,937 | 28,315 | 1864-65..... | 5,327 | 55,887 | 2,176 | 23,636 |
| 1848-49..... | 7,721 | 7,999 | 1,272 | 24,398 | 1865-66..... | 4,512 | 67,018 | 1,758 | 24,786 |
| 1849-50..... | 8,674 | 7,487 | 1,964 | 24,393 | 1866-67..... | 2,969 | 56,414 | 1,053 | 22,228 |
| 1850-51..... | 8,259 | 11,043 | 3,258 | 36,185 | 1867-68..... | 716 | 56,344 | 326 | 12,617 |
| 1851-52..... | 10,203 | 18,720 | 3,006 | 31,395 | 1868-69..... | 1,009 | 51,210 | 443 | 17,447 |
| 1852-53..... | 16,484 | 11,321 | 3,813 | 42,316 | 1869-70..... | 1,112 | 57,010 | 339 | 21,753 |
| 1853-54..... | 16,842 | 11,692 | 3,608 | 41,595 | 1870-71..... | 2,069 | 68,471 | 532 | 19,592 |
| 1854-55..... | 10,185 | 7,132 | 1,300 | 24,196 | 1871-72..... | 1,721 | 69,748 | 789 | 23,086 |
| 1855-56..... | 11,361 | 12,422 | 2,391 | 28,128 | 1872-73..... | 1,392 | 61,186 | 897 | 19,110 |
| 1856-57..... | 11,552 | 10,818 | 2,569 | 21,913 | 1873-74..... | 416 | 53,449 | 626 | 22,735 |
| 1857-58..... | 14,825 | 17,945 | 2,949 | 29,007 | 1874-75..... | 812 | 65,910 | 898 | 25,708 |
| 1858-59..... | 10,084 | 23,055 | 1,607 | 27,286 | 1875-76..... | 262 | 121,469 | 790 | 25,512 |
| 1859-60..... | 15,209 | 24,468 | 4,056 | 48,268 | 1876-77..... | 837 | 110,927 | 1,116 | 37,425 |
| 1860-61..... | 12,395 | 21,860 | 2,385 | 32,046 | 1877-78..... | 493 | 120,549 | 482 | 34,242 |
| 1861-62..... | 5,916 | 14,090 | 248 | 9,262 | 1878-79..... | 471 | 125,685 | 1,153 | 41,950 |
| 1862-63..... | 4,408 | 28,364 | 97 | 15,481 | | | | | |

out the winter, and after the warm season arrived, under the influence of much doubt in the minds of dealers as to the future of the article, there was an active demand, but only at low rates, good Ohio selling, at times, as low as 8@10 cents. Later, however, there was an improved feeling. In August, the scarcity, which usually attends September, appeared, and prices were somewhat better than they had been in the preceding two months. The general average of prices has been the lowest in sixteen years, the average quotation for choice Central Ohio butter having been 13.7 cents per pound, compared with 17.8 in the previous year, and 11.5 in 1862-63. The range between the common and good grades has been unusually narrow, and it is noticeable that the supplies of grease in the market have been very slender, there being little, if any, here at the close.

This report would not be complete without an allusion to the production of oleomargarine, or butterine, as it is now known commercially, which during the past year reached 571,076 pounds. The capacity of the works here has been largely increased during the past year, so that hereafter, if desirable, 10,000 pounds daily can be manufactured, which would make the aggregate, annually, 3,000,000 pounds. It is not expected that this quantity will be produced at present, but it shows how this article is coming into commercial importance when such preparations are made for its production. Nearly all is shipped from this city, much going to the South. The quality is steadily being improved, as the process is better understood. The quotation at the close of August was 13@14 cents per pound.

Table showing the comparative prices, at Cincinnati, for all kinds of butter, at the close of August, for five years :

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 |
|--------------------------------|--------|--------|--------|--------|--------|--------|
| Standard Creamery .....per lb. | 19@20c | 24@25c | 26@27c | ..... | ..... | ..... |
| Central Ohio, choice..... | 11@13 | 14@16 | 16@17 | 18@20c | 20@23c | 20@25c |
| Central Ohio, medium..... | 9@10 | 9@11 | 14 | 15@17 | 18@20 | 18@20 |
| Central Ohio, common..... | 6@ 7 | 6@ 8 | 10@11 | 13@15 | 16@18 | 17@18 |
| Grease..... | 4 | 3½ | 8½@9 | 9@11 | 10@12 | 14@15 |

Table showing the price per pound of choice Central Ohio butter, at Cincinnati, on Tuesday of each week, in three years :

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 12½@15c | 16@17c | 18@20c | March 4..... | 16@17 | 21@25c | 20@21c |
| 10..... | 14@16 | 19@20 | 20@22 | 11..... | 16@17 | 21@23 | 23@24 |
| 17..... | 14@15 | 20@22 | 20@22 | 18..... | 14@15 | 24@26 | 23@24 |
| 24..... | 14@15 | 19@20 | 22@23 | 25..... | 16@18 | 24@26 | 23@24 |
| October 1..... | 16@18 | 19@20 | 22@23 | April 1..... | 16@18 | 24@26 | 22@23 |
| 8..... | ..... | 20@22 | ..... | 8..... | 16@18 | 19@21 | 22@23 |
| 15..... | 14@16 | 22@24 | 22@23 | 15..... | 13@15 | 18@20 | 20 |
| 22..... | 14@16 | 22@24 | 22 | 22..... | 12@14 | 18@20 | 16@17 |
| 29..... | 14@16 | 22@24 | 20 | 29..... | 12@13 | 16@18 | 16@17 |
| November 5..... | 14@16 | 22@24 | ..... | May 6..... | 10@13 | 16@18 | 16@17 |
| 12..... | 15@15 | 22@24 | 18@19 | 13..... | 10@13 | 12@13 | 16@17 |
| 19..... | 12½@14 | 20@22 | 18@19 | 20..... | 10@11 | 11@12 | 16@17 |
| 26..... | 12½@14 | 18@20 | 18@19 | 27..... | 10@11 | 10@11 | 16@17 |
| December 3..... | 14@15 | 20@22 | 18@19 | June 3..... | 10@12 | 10@11 | 19@14 |
| 10..... | 14@16 | 20@22 | 18@19 | 10..... | 10@12 | 10@11 | 13@14 |
| 17..... | 14@16 | 18@20 | 18@19 | 17..... | 10@12 | 10@11 | 15 |
| 24..... | 14@16 | ..... | 19@21 | 24..... | 10@12 | 9@10 | 15 |
| 31..... | 14@16 | ..... | 19@21 | July 1..... | 10@12 | 9@10 | 13@15 |
| January 7..... | 14@16 | 18@20 | 19@21 | 8..... | 10@11 | 9@10 | 13@15 |
| 14..... | 16@18 | 20@23 | 18@20 | 15..... | 10@11 | 9@11 | 16@17 |
| 21..... | 16@18 | 18@20 | 18@20 | 22..... | 10@11 | 9@11 | 16@17 |
| 28..... | 15@16 | 18@21 | 18@20 | 29..... | 10@11 | 13@14 | 16@17 |
| February 4..... | 15@16 | 20@21 | 18@20 | August 5..... | 11@12 | 13@15 | 16@17 |
| 11..... | 15@17 | 20@21 | 18@20 | 12..... | 11@12 | 13@15 | 17@18 |
| 18..... | 16@17 | 21@23 | 20@21 | 19..... | 11@13 | 12@14 | 17@18 |
| 25..... | 16@17 | 21@23 | 20@21 | 26..... | 11@13 | 12½@15 | 16@17 |

*No session of the Chamber.

Table showing the imports and exports of butter, at Cincinnati, for ten consecutive years, from May 1st, the nominal commencement of the butter season; to August 31st, the close of the commercial year :

| YEARS. | RECEIPTS. | | SHIPMENTS. | |
|-----------|-----------|------------|------------|------------|
| | Barrels. | Tubs, etc. | Barrels. | Tubs, etc. |
| 1870..... | 108 | 21,831 | 30 | 6,071 |
| 1871..... | 389 | 26,171 | 139 | 5,321 |
| 1872..... | 402 | 27,051 | 156 | 5,758 |
| 1873..... | 393 | 19,388 | 227 | 4,574 |
| 1874..... | 54 | 18,445 | 312 | 5,640 |
| 1875..... | 100 | 38,956 | 167 | 5,419 |
| 1876..... | 144 | 54,385 | 78 | 9,115 |
| 1877..... | 262 | 46,848 | 131 | 8,248 |
| 1878..... | 46 | 44,134 | 51 | 10,168 |
| 1879..... | 133 | 50,826 | 113 | 11,482 |

Table showing the average price of choice Central Ohio butter, at Cincinnati, for twenty-one years :

| | | |
|-----------------------|-----------------------|-------------------------|
| 1857-58.....15 cents. | 1864-65.....35 cents. | 1872-73.....23.2 cents. |
| 1858-59.....19 do | 1865-66.....36.33 do | 1873-74.....27 do |
| 1859-60.....14.33 do | 1866-67.....26.5 do | 1874-75.....25.33 do |
| 1860-61.....13.18 do | 1867-68.....36.5 do | 1875-76.....23.16 do |
| 1861-62.....12.5 do | 1868-69.....32.57 do | 1876-77.....18.68 do |
| 1862-63.....11.5 do | 1869-70.....25.33 do | 1877-78.....17.8 do |
| 1863-64.....29 do | 1870-71.....24.62 do | 1878-79.....13.77 do |
| | 1871-72.....20.04 do | |

Table showing the annual receipts and shipments of butter, during a period of thirty-three years :

| YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | |
|--------------|-----------|------------|------------|------------|--------------|-----------|------------|------------|------------|
| | Barrels. | Tubs, etc. | Barrels. | Tubs, etc. | | Barrels. | Tubs, etc. | Barrels. | Tubs, etc. |
| 1846-47..... | 6,345 | 7,090 | 1,348 | 31,194 | 1863-64..... | 11,126 | 48,754 | 1,676 | 18,428 |
| 1847-48..... | 6,625 | 6,405 | 2,937 | 28,315 | 1864-65..... | 5,827 | 55,887 | 2,178 | 23,636 |
| 1848-49..... | 7,721 | 7,999 | 1,272 | 24,308 | 1865-66..... | 4,512 | 67,018 | 1,758 | 24,786 |
| 1849-50..... | 3,674 | 7,487 | 1,964 | 24,393 | 1866-67..... | 2,969 | 56,414 | 1,053 | 22,228 |
| 1850-51..... | 8,250 | 11,043 | 3,258 | 36,185 | 1867-68..... | 716 | 56,344 | 323 | 12,617 |
| 1851-52..... | 10,203 | 18,720 | 3,006 | 31,305 | 1868-69..... | 1,009 | 51,210 | 443 | 17,447 |
| 1852-53..... | 16,484 | 11,331 | 3,843 | 42,316 | 1869-70..... | 1,112 | 57,010 | 389 | 21,758 |
| 1853-54..... | 16,842 | 11,692 | 3,608 | 41,505 | 1870-71..... | 2,069 | 68,471 | 532 | 19,592 |
| 1854-55..... | 10,185 | 7,132 | 1,300 | 24,196 | 1871-72..... | 1,721 | 69,748 | 789 | 23,086 |
| 1855-56..... | 11,361 | 12,422 | 2,391 | 28,128 | 1872-73..... | 1,392 | 61,186 | 897 | 19,110 |
| 1856-57..... | 11,852 | 10,818 | 2,569 | 21,913 | 1873-74..... | 416 | 53,449 | 625 | 22,735 |
| 1857-58..... | 14,625 | 17,945 | 2,949 | 29,007 | 1874-75..... | 812 | 65,910 | 898 | 25,708 |
| 1858-59..... | 50,084 | 23,053 | 1,607 | 27,286 | 1875-76..... | 262 | 121,469 | 790 | 23,512 |
| 1859-60..... | 15,209 | 24,468 | 4,056 | 48,268 | 1876-77..... | 837 | 110,927 | 1,116 | 37,425 |
| 1860-61..... | 12,395 | 21,860 | 2,385 | 32,046 | 1877-78..... | 493 | 120,549 | 482 | 34,242 |
| 1861-62..... | 5,916 | 14,090 | 248 | 9,262 | 1878-79..... | 471 | 125,685 | 1,153 | 41,950 |
| 1862-63..... | 4,408 | 28,364 | 977 | 15,481 | | | | | |

CANDLES AND SOAP.

Candles and soap, two articles of Cincinnati manufacture which find customers in all parts of the country, are so closely allied in production that they are usually considered under one head, and as a whole the business has never been so large in our history. The aggregate business in candles shows a slight falling off, in consequence of one of our heaviest establishments having discontinued production for about three months on account of a severe fire. The shipments for the year have been 222,360 boxes, in comparison with 231,727 boxes in 1877-78, though this deficiency finds abundant compensation in the large increase in the production of soaps. Cincinnati candles have been in good demand throughout the year, the distribution being about the same with previous years. Prices slowly shrank during the year, closing, for star candles, at $11\frac{1}{2}$ @12 cents, the year having come in with the quotation at $12\frac{1}{2}$ @13 cents. The average quotation for the year of star candles was 12.07 cents per pound, in comparison with 13.5 cents in 1877-78, 14.8 in 1876-77, 16 in 1875-76, 17.1 in 1874-75, 17.4 in 1873-74, and 19.6 in 1872-73.

The business in soap shows a heavy increase. The shipments from the city, not embracing that which was consumed here, was 448,972 boxes, compared with 366,802 in the year of 1877-78, and 332,533 in 1876-77. The shipments of the past year were over 177,000 boxes in excess of 1875-76, showing in this period an increase of over 10,000,000 pounds. In 1845-46, our total shipments were only 2,708 boxes, so that the increase in three years has been more than sixty-five times as much as all the shipments were thirty-three years ago. Among all our industries none has been making more rapid strides. Our soaps go to all parts of the United States, and to some extent abroad, carrying with them the good reputation for purity and excellence which have characterized them at home. Prices have been somewhat lower than in the preceding year, the average for the best Cincinnati soap having been 5.3 cents per pound, in comparison with 5.65 cents in 1877-78, 6.12 in 1876-77, 6.9 in 1875-76, and 6.7 in 1874-75. Prices during the year indicate a little shrinkage, but there were no considerable fluctuations. It is noticeable, however, that, in the history of the Chamber, there is no record of as low prices for soap as now prevail.

Table showing the price per pound, in this city, of the best Cincinnati soap, on Tuesday of each week, in four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|
| September 3..... | 5½¢ | 6c. | 6½¢ | 7c | March 4..... | 5½¢ | 5½¢ | 6c | 7c |
| 10..... | 5½¢ | 6 | 6½¢ | 7 | 11..... | 5½¢ | 5½¢ | 6c | 7c |
| 17..... | 5½¢ | 6 | 6½¢ | 7 | 18..... | 5½¢ | 5½¢ | 6c | 7 |
| 24..... | 5½¢ | 6 | 6½¢ | 7 | 25..... | 5½¢ | 5½¢ | 6c | 7 |
| October 1..... | 5½¢ | 6 | 6½¢ | 7 | April 1..... | 5½¢ | 5½¢ | 6c | 7 |
| 8..... | 5½¢ | 6 | 6½¢ | 7 | 8..... | 5½¢ | 5½¢ | 6c | 7 |
| 13..... | 5½¢ | 6 | 6½¢ | 7 | 15..... | 5½¢ | 5½¢ | 6c | 7 |
| 22..... | 5½¢ | 6 | 6½¢ | 7 | 22..... | 5½¢ | 5½¢ | 6c | 7 |
| 29..... | 5½¢ | 6 | 6½¢ | 7 | 29..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| November 5..... | 5½¢ | 6 | 6½¢ | 7 | May 6..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 12..... | 5½¢ | 6 | 6½¢ | 7 | 13..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 19..... | 5½¢ | 5½¢ | 6½¢ | 7 | 20..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 26..... | 5½¢ | 5½¢ | 6½¢ | 7 | 27..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| December 3..... | 5½¢ | 5½¢ | 6 | 7 | June 3..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 10..... | 5½¢ | 5½¢ | 6 | 7 | 10..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 17..... | 5½¢ | 5½¢ | 6 | 7 | 17..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 24..... | 5½¢ | 5½¢ | 6 | 7 | 24..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 31..... | 5½¢ | 5½¢ | 6 | 7 | July 1..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| January 7..... | 5½¢ | 5½¢ | 6 | 7 | 8..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 14..... | 5½¢ | 5½¢ | 6 | 7 | 15..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 21..... | 5½¢ | 5½¢ | 6 | 7 | 22..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 28..... | 5½¢ | 5½¢ | 6 | 7 | 29..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| February 4..... | 5½¢ | 5½¢ | 6 | 7 | August 5..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 11..... | 5½¢ | 5½¢ | 6 | 7 | 12..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 18..... | 5½¢ | 5½¢ | 6 | 7 | 19..... | 5½¢ | 5½¢ | 6c | 6½¢ |
| 25..... | 5½¢ | 5½¢ | 6 | 7 | 26..... | 5½¢ | 5½¢ | 6c | 6½¢ |

Table showing the prices per pound of star and tallow candles, at Cincinnati, on Tuesday of each week, in two years :

| DATES. | STAR CANDLES. | | TALLOW CANDLES. | | DATES. | STAR CANDLES. | | TALLOW CANDLES. | |
|----------------|---------------|----------|-----------------|----------|-------------|---------------|----------|-----------------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 3... | 12½ @13 | 14 @14½ | 11 @11½ | 11½ @12½ | March 4... | 11½ @12 | 13½ @14 | 10½ @11 | 11 @11½ |
| 10... | 12½ @13 | 14 @14½ | 11 @11½ | 11½ @12½ | 11... | 11½ @12 | 13½ @14 | 10½ @11 | 11 @11½ |
| 17... | 12½ @13 | 13½ @14½ | 11 @11½ | 11½ @12½ | 18... | 11½ @12 | 13½ @14 | 10½ @11 | 11 @11½ |
| October 24... | 12½ @13 | 14 @14½ | 11 @11½ | 12 @12½ | 25... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 1... | 12½ @13 | 14 @14½ | 11 @11½ | 12 @12½ | April 1... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 8... | 14 @14½ | 15 @15½ | 12 @12½ | 12 @12½ | 8... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 15... | 12 @13 | 14 @14½ | 11 @11½ | 12 @12½ | 15... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| November 22... | 12½ @12½ | 14 @14½ | 11 @11½ | 12 @12½ | 22... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 29... | 12½ @12½ | 14 @14½ | 11 @11½ | 12 @12½ | 29... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| December 5... | 12½ @12½ | 14 @14½ | 11 @11½ | 12 @12½ | May 6... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 12... | 12 @12½ | 14 @14½ | 10½ @11 | 12 @12½ | 13... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 19... | 12 @12½ | 14 @14½ | 10½ @11 | 12 @12½ | 20... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 26... | 12 @12½ | 14 @14½ | 10½ @11 | 11 @11½ | 27... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| January 3... | 12 @12½ | 14 @14½ | 10½ @11 | 11 @11½ | June 3... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11 @11½ |
| 10... | 12 @12½ | 13½ @14 | 10½ @11 | 11½ @12 | 10... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 17... | 11½ @12 | 13½ @14 | 10 @10½ | 11½ @12 | 17... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 24... | 11½ @12 | 13½ @14 | 10 @10½ | 11½ @12 | 24... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| February 31... | 11½ @12 | 13½ @14 | 10 @10½ | 11½ @12 | July 1... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 7... | 11½ @12 | 13½ @14 | 10 @10½ | 11½ @12 | 8... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 14... | 11½ @12 | 13½ @14 | 10 @10½ | 11½ @12 | 15... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 21... | 11½ @12 | 13½ @14 | 10 @10½ | 11½ @12 | 22... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| February 28... | 11½ @12 | 13½ @14 | 10½ @11 | 11½ @12 | 29... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 4... | 11½ @12 | 13½ @14 | 10½ @11 | 11½ @12 | August 5... | 11½ @12½ | 13½ @13½ | 10½ @11 | 11½ @12 |
| 11... | 11½ @12 | 13½ @14 | 10½ @11 | 11½ @12 | 12... | 11½ @12 | 13½ @13 | 10 @10½ | 11 @11½ |
| 18... | 11½ @12 | 13½ @14 | 10½ @11 | 11 @11½ | 19... | 11½ @12 | 13½ @13 | 10 @10½ | 11 @11½ |
| 25... | 11½ @12 | 13½ @14 | 10½ @11 | 11 @11½ | 26... | 11½ @12 | 13½ @13 | 10 @10½ | 11 @11½ |

Table showing the comparative prices, at Cincinnati, of the leading varieties of candles, at the close of August, for six years :

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 |
|------------------------|---------|-----------|-----------|----------|----------|---------|
| Stars, 6s..... | 11 @11½ | 12½ @13c. | 14 @14½c. | 15 @16c. | 16 @17c. | 17 @17½ |
| do hotel..... | 12 @12½ | 13½ @14 | 15 @16 | 16 @17 | 17 @17½ | 18 @18½ |
| do car or coach..... | 15 @16 | 16½ @17 | 17 @18 | 18 @19 | 19 @20 | 19 @19½ |
| Tallow, summer..... | 9½ @10½ | 11 @11½ | 11½ @12½ | 10½ @11½ | 11 @12 | 21 @21½ |
| Pure stearic acid..... | 15½ @16 | 17 @19½ | 18 @20 | 18½ @20 | 19½ @20½ | 20 @21½ |

Table showing the comparative prices of the leading kinds of soap, at Cincinnati, at the close of August, in five years :

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 |
|----------------------------------|---------------|---------------|---------------|---------------|---------------|
| German, per lb..... | 4¼ @ 5c | 5¼ @ 5½c | 5½ @ 6c | 6¼ @ 6¾c | 6½ @ 7c |
| German, extra | 5¼ @ 5½ | 5½ @ 6 | 5½ @ 6 | 6¼ @ 7 | 7 @ 7½ |
| Olefine, " | 5¼ @ 6 | 6 @ 6½ | 6½ @ 7 | 7¼ @ 8 | 7½ @ 8 |
| Erasive, " | 4¼ @ 4½ | 4 @ 4½ | 4½ @ 5 | 4½ @ 5 | 5¼ @ 5½ |
| Family, " | 3½ @ 3¾ | 3½ @ 4 | 4 @ 4½ | 4½ @ 5 | 5¼ @ 5½ |
| Castile, imported | 9½ @ 10 | 9½ @ 10 | 10 @ 11 | 10½ @ 11½ | 10½ @ 11½ |
| do white, " | 14 @ 16½ | 14 @ 17 | 14½ @ 16½ | 18 @ 19 | 15 @ 18 |
| Palmarine, " | 5¼ @ 6 | 5¼ @ 6½ | 6¼ @ 6½ | 6¼ @ 6¾ | 6¾ @ 7½ |
| Extra olive, " | 4¼ @ 4½ | 4½ @ 5 | 5 @ 5½ | 5½ @ 6 | 6 @ 6½ |
| Queen olive, per box (65 lbs.).. | \$3 50 @ 3 75 | \$4 00 @ 4 25 | \$4 25 @ 5 00 | \$4 80 @ 5 30 | \$5 00 @ 5 50 |
| Duchess olive, " (50 lbs.).. | 2 40 @ 2 65 | 2 50 @ 3 00 | 2 80 @ 3 30 | 3 00 @ 3 30 | 3 00 @ 3 50 |
| Princess olive, " (50 lbs.).. | 2 75 @ 3 00 | 2 80 @ 3 30 | 3 10 @ 3 60 | 3 25 @ 3 55 | 3 25 @ 3 75 |
| White soap, " (65 lbs.).. | 5 50 @ 5 75 | 6 00 @ 6 25 | 6 00 @ 6 75 | 6 00 @ 6 50 | ..... |
| Countess, " (40 lbs.).. | 2 00 @ 2 10 | 2 10 @ 2 60 | 2 40 @ 2 90 | 2 60 @ 2 90 | ..... |
| White diamond, " (75 lbs.).. | 4 50 @ 5 25 | 5 50 @ 6 00 | 6 00 @ 6 00 | ..... | ..... |

Table showing the weekly exportation of candles and soap, respectively, from Cincinnati, in two years:

| | | CANDLES. | | SOAP. | | | | CANDLES. | | SOAP. | |
|-----------|---------|----------|---------|----------|---------|--------|---------|----------|---------|----------|---------|
| DATES. | | Exports. | | Exports. | | DATES. | | Exports. | | Exports. | |
| | | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September | 7..... | 3,836 | 3,933 | 7,803 | 6,474 | March | 8..... | 5,380 | 5,026 | 9,656 | 7,819 |
| | 14..... | 2,785 | 2,384 | 8,492 | 6,481 | | 15..... | 6,368 | 7,062 | 9,030 | 7,380 |
| | 21..... | 6,775 | 3,211 | 9,160 | 6,185 | | 22..... | 2,174 | 4,906 | 10,036 | 7,374 |
| | 28..... | 5,403 | 6,423 | 7,569 | 7,853 | | 29..... | 6,848 | 5,614 | 10,214 | 6,806 |
| October | 5..... | 4,106 | 2,509 | 9,052 | 8,056 | April | 3..... | 3,426 | 4,815 | 8,728 | 6,857 |
| | 12..... | 4,365 | 5,336 | 7,953 | 6,873 | | 12..... | 2,974 | 3,384 | 11,667 | 7,152 |
| | 19..... | 3,648 | 3,743 | 7,703 | 7,834 | | 19..... | 2,934 | 2,667 | 9,144 | 8,317 |
| | 26..... | 4,057 | 4,020 | 9,653 | 6,686 | | 26..... | 2,791 | 4,765 | 10,304 | 6,313 |
| November | 2..... | 4,497 | 7,076 | 7,498 | 6,705 | May | 3..... | 2,932 | 1,976 | 9,517 | 8,865 |
| | 9..... | 5,300 | 6,139 | 10,060 | 5,630 | | 10..... | 2,412 | 8,513 | 8,966 | 7,614 |
| | 16..... | 4,446 | 6,713 | 6,976 | 6,445 | | 17..... | 2,265 | 1,953 | 9,095 | 6,939 |
| | 23..... | 6,152 | 5,469 | 8,764 | 7,232 | | 24..... | 2,864 | 2,480 | 7,880 | 9,247 |
| | 30..... | 6,514 | 7,001 | 5,974 | 6,456 | | 31..... | 8,508 | 2,668 | 8,146 | 6,588 |
| December | 7..... | 3,253 | 7,394 | 7,999 | 7,104 | June | 7..... | 4,103 | 3,112 | 8,280 | 8,609 |
| | 14..... | 6,428 | 8,056 | 7,070 | 8,631 | | 14..... | 2,320 | 3,441 | 7,743 | 7,039 |
| | 21..... | 5,686 | 5,238 | 6,297 | 3,964 | | 21..... | 2,378 | 3,222 | 9,287 | 7,620 |
| | 28..... | 3,733 | 3,814 | 6,518 | 4,891 | | 28..... | 1,436 | 2,213 | 11,254 | 6,034 |
| January | 4..... | 6,859 | 3,573 | 2,838 | 3,996 | July | 5..... | 4,013 | 3,339 | 9,972 | 4,826 |
| | 11..... | 5,077 | 6,289 | 5,853 | 6,083 | | 12..... | 1,956 | 2,630 | 8,936 | 7,110 |
| | 18..... | 3,823 | 8,689 | 7,513 | 7,215 | | 19..... | 1,423 | 3,047 | 8,947 | 8,714 |
| | 25..... | 7,972 | 6,110 | 9,981 | 7,893 | | 26..... | 2,235 | 3,663 | 8,267 | 6,853 |
| February | 1..... | 5,237 | 4,877 | 8,568 | 5,553 | August | 2..... | 2,090 | 2,697 | 6,898 | 6,963 |
| | 8..... | 5,484 | 7,920 | 9,468 | 8,390 | | 9..... | 1,628 | 2,074 | 10,030 | 8,465 |
| | 15..... | 6,151 | 3,905 | 10,064 | 6,806 | | 16..... | 3,945 | 3,733 | 10,677 | 9,689 |
| | 22..... | 8,285 | 6,314 | 6,927 | 5,858 | | 23..... | 5,978 | 1,972 | 11,412 | 8,314 |
| March | 1..... | 7,362 | 7,653 | 8,650 | 5,810 | | 30..... | 4,740 | 1,856 | 10,492 | 7,999 |

Table showing the annual shipments of candles and soap, respectively, from Cincinnati, for thirty-four years:

| YEARS. | CANDLES. | | YEARS. | CANDLES. | | YEARS. | CANDLES. | |
|---------------|----------|--------|---------------|----------|---------|---------------|----------|---------|
| | Boxes. | Boxes. | | Boxes. | Boxes. | | Boxes. | Boxes. |
| 1845-46 | 3,757 | 2,708 | 1856-57 | 160,840 | 41,788 | 1866-69 | 302,193 | 122,263 |
| 1846-47 | 16,622 | 10,080 | 1857-58 | 155,250 | 51,708 | 1869-70 | 273,122 | 128,262 |
| 1847-48 | 20,189 | 11,095 | 1858-59 | 220,075 | 62,790 | 1870-71 | 274,358 | 137,434 |
| 1848-49 | 39,640 | 11,303 | 1859-60 | 175,226 | 66,267 | 1871-72 | 249,949 | 152,243 |
| 1849-50 | 67,447 | 17,443 | 1860-61 | 138,234 | 69,836 | 1872-73 | 296,130 | 183,573 |
| 1850-51 | 113,412 | 21,553 | 1861-62 | 345,997 | 113,657 | 1873-74 | 263,123 | 220,053 |
| 1851-52 | 121,727 | 23,033 | 1862-63 | 263,912 | 76,005 | 1874-75 | 282,690 | 239,312 |
| 1852-53 | 139,709 | 37,036 | 1863-64 | 217,412 | 63,078 | 1875-76 | 265,844 | 271,636 |
| 1853-54 | 152,068 | 39,645 | 1864-65 | 214,509 | 59,810 | 1876-77 | 238,654 | 332,533 |
| 1854-55 | 139,191 | 34,246 | 1865-66 | 249,134 | 82,890 | 1877-78 | 281,727 | 366,802 |
| 1855-56 | 191,728 | 42,182 | 1866-67 | 319,225 | 98,805 | 1878-79 | 222,360 | 448,972 |
| | | | 1867-68 | 278,450 | 105,358 | | | |

CATTLE AND SHEEP.

The live stock business of Cincinnati, during the past year, exhibits, in the aggregate, a very healthy increase. In cattle it has not been marked, and yet, at the United Yards, as well as in the aggregate movement, the year makes a good showing. The entire receipts at this city, for the last year, were 182,954 head, in comparison with 173,987

head in 1877-78, and the shipment 82,416 head, compared with 80,564. The quality of the stock has not been so good as that of the preceding year. They appeared not to have wintered so well as usual, while the wet weather, early, and the dry weather, when the grass should have been most luxuriant, were not favorable to an improvement in the condition. As the commercial year approached its close, there was a decided improvement in quality, traceable to the favorable rains in midsummer. The city butchers have generally killed a better quality of cattle than in the preceding year. The cattle shipped eastwardly were scarcely so good. The market for cattle has at no time been more than fair. Prices have been the lowest in average for a long period. The year opened with fair to medium cattle quotable, at the yards, at \$2 25@3 25 per 100 pounds gross, the price slowly receding until November. Subsequently there was some improvement in prices, with occasional temporary reactions, getting better until in April, when cattle of this grade were quoted at \$3 50@4 25. This was followed by a decline until late in July, when this grade had gone down to \$2 25@3 00, to remain until the close of the commercial year, a dragging market characterizing the closing weeks of the year. The average quotation for fair to medium cattle for the year was \$2 96.4 per 100 pounds gross, compared with \$3 03.6 in the preceding year, and \$3 50.8 in 1876-77.

The business in sheep exhibits a large increase over the preceding year, and makes much the largest showing in the history of the trade at this city. The receipts aggregate 404,574 head, in comparison with 362,493 in the previous year, and the shipments 329,578, compared with 286,961. The rapid growth of the business in sheep constitutes one of the important features of the stock trade at this city. The number of buyers in the market has been larger than ever before. Liberal shipments have been made to New York and Boston, and a new feature has been the liberal purchases for the English market, the number being estimated at 70,000 head. New Jersey, too, has furnished an important outlet for our increased receipts. The quality of the stock has been very good. Owing to the unfavorable weather early, the sheep season was unusually late, the lambs, which have been more plentiful than ever before in this market, not having made their appearance until some fifteen to twenty days after the usual time. The outlook for the future of the sheep trade, at this city, is favorable to still greater development. More extensive preparations have been made for raising sheep in the district tributary to this city, and besides, the opening of the Southern Railway still further into the interior of the South must furnish material contributions to this department of our business. The value of this railway to the stock trade of the city has been very apparent, but larger benefits remain in store for us. The average quotations for prime sheep, during the year, was \$4.00 per 100 pounds gross.

The growing benefit of the United Railroads Stock Yards at this city have been very discernible during the past year. In hogs, cattle, and sheep, an increased business is shown. The receipts of cattle at these yards reached 158,869 head, compared with 142,851 in 1877-78. The average gross weight of the cattle weighed at the yards exhibits an increase of 12.16 pounds. The receipts of sheep at the same yards was 328,897 head, compared with 274,027 head in the preceding year, the weight having increased seven pounds.

Table showing the average annual quotations of prime beef cattle, per cental gross, at Cincinnati, from 1855-56 to 1872-73, and on fair to medium cattle, from 1873-74 to 1878-79, inclusive:

| | | | |
|---------------------|----------------------|-----------------------|---------------------|
| 1855-56 .....\$7 78 | 1861-62 .....\$3 24 | 1867-68 .....\$7 27 | 1873-74.....\$3 90 |
| 1856-57 4 57 | 1862-63 3 96 | 1868-69 5 62.5 | 1874-75..... 4 30.7 |
| 1857-58 3 78 | 1863-64 5 74 | 1869-70 5 85 | 1875-76..... 3 95.6 |
| 1858-59 4 88 | 1864-65 7 45 | 1870-71 5 08.2 | 1876-77..... 3 50.8 |
| 1859-60 3 90 | 1865-66 7 55 | 1871-72 4 73.5 | 1877-78..... 3 03.6 |
| 1860-61 3 80 | 1866-67 7 27.5 | 1872 73 4 99.15 | 1878-79..... 2 96.4 |

Table showing the range of fair to medium cattle, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|
| September 3..... | \$2 25@3 25 | \$3 25@4 00 | \$3 00@4 00 | March 4..... | \$2 75@3 50 | \$2 75@3 25 | \$3 00@3 75 |
| 10..... | 2 25@3 25 | 3 00@3 75 | 3 00@3 75 | 11..... | 2 75@3 50 | 2 75@3 50 | 3 25@4 00 |
| 17..... | 2 25@3 00 | 3 00@3 50 | 2 75@3 75 | 18..... | 3 00@3 75 | 2 75@3 50 | 3 25@4 00 |
| 24..... | 2 10@3 00 | 2 75@3 50 | 2 75@3 75 | 25..... | 3 50@4 00 | 2 75@3 50 | 3 75@4 00 |
| October 1..... | 2 10@2 75 | 2 75@3 25 | 2 75@3 75 | April 1..... | 3 25@4 00 | 2 75@3 50 | 3 25@4 00 |
| 8..... | * | 2 75@3 50 | * | 8..... | 3 25@4 00 | 2 75@3 50 | 3 25@4 00 |
| 15..... | 2 25@3 00 | 2 75@3 50 | 2 75@3 60 | 15..... | 3 25@4 00 | 2 25@3 50 | 3 50@4 15 |
| 22..... | 2 25@3 00 | 2 50@3 50 | 2 75@3 50 | 22..... | 3 50@4 25 | 2 75@3 50 | 3 50@4 50 |
| 29..... | 2 10@2 75 | 2 50@3 25 | 2 50@3 50 | 29..... | 3 25@4 00 | 2 75@3 50 | 3 50@4 25 |
| November 6..... | 2 10@2 75 | 2 50@3 25 | * | May 6..... | 3 25@4 00 | 2 75@3 75 | 3 75@4 50 |
| 12..... | 2 10@2 75 | 2 50@3 25 | 2 65@3 85 | 13..... | 3 25@4 00 | 2 75@3 75 | 3 75@4 50 |
| 19..... | 2 10@2 75 | 2 50@3 25 | 2 65@3 85 | 20..... | 3 00@3 75 | 2 75@3 75 | 3 25@4 25 |
| 26..... | 2 25@2 75 | 2 50@3 25 | 2 60@3 50 | 27..... | 3 00@3 75 | 2 75@3 75 | 3 25@4 25 |
| December 3..... | 2 25@3 00 | 2 75@3 50 | 2 60@3 50 | June 3..... | 3 00@3 75 | 2 50@3 50 | 3 50@4 25 |
| 10..... | 2 25@3 00 | 2 75@3 50 | 2 60@3 50 | 10..... | 2 75@3 75 | 2 50@3 25 | 3 50@4 50 |
| 17..... | 2 10@2 90 | 2 75@3 50 | 2 75@3 75 | 17..... | 2 75@3 50 | 2 50@3 25 | 3 50@4 25 |
| 24..... | 2 10@2 90 | * | 3 00@3 75 | 24..... | 2 75@3 65 | 2 50@3 50 | 3 25@4 00 |
| 31..... | 2 25@2 90 | * | 2 75@3 75 | July 1..... | 2 50@3 25 | 2 50@3 25 | 3 25@4 00 |
| January 7..... | 2 25@3 00 | 2 75@3 50 | 3 00@3 75 | 8..... | 2 50@3 25 | 2 50@3 50 | 3 25@4 25 |
| 14..... | 2 50@3 00 | 2 75@3 50 | 3 00@4 00 | 15..... | 2 50@3 25 | 2 50@3 25 | 3 25@4 25 |
| 21..... | 2 50@3 00 | 2 50@3 25 | 3 00@4 00 | 22..... | 2 50@3 00 | 2 50@3 25 | 3 25@4 25 |
| 28..... | 2 50@3 25 | 2 50@3 50 | 3 00@4 00 | 29..... | 2 25@3 00 | 2 25@3 25 | 3 25@4 25 |
| February 4..... | 2 75@3 50 | 2 75@3 75 | 3 00@3 75 | August 12..... | 2 25@3 00 | 2 25@3 00 | 3 00@4 00 |
| 11..... | 3 00@3 75 | 2 75@3 50 | 3 00@3 75 | 19..... | 2 25@3 00 | 2 25@3 00 | 3 00@3 75 |
| 18..... | 3 25@4 00 | 2 75@3 50 | 3 25@4 00 | 26..... | 2 25@3 00 | 2 25@3 25 | 3 00@3 75 |
| 25..... | 3 00@3 75 | 2 75@3 50 | 3 00@3 75 | | | | |

Table showing the price per cental gross of prime sheep, at Cincinnati, on Tuesday of each week, during a period of four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|-----------|---------|---------|---------|---------------|-----------|---------|---------|---------|
| September 3..... | 3 50@4 00 | 4c. | \$4 00 | \$4 25 | March 4..... | 4 00@4 50 | 4 1/2c | \$5 50 | \$5 50 |
| 10..... | 3 75@4 25 | 4 | 4 00 | 4 25 | 11..... | 4 00@4 75 | 4 1/2c | 5 50 | 5 50 |
| 17..... | 3 75@4 25 | 4 | 4 00 | 4 25 | 18..... | 4 00@4 75 | 4 1/2c | 5 50 | 6 00 |
| October 24..... | 3 75@4 25 | 4 | 4 00 | 4 25 | 25..... | 4 25@5 00 | 4 1/2c | 5 50 | 6 00 |
| 1..... | 3 00@4 00 | 4 | 4 00 | 4 25 | April 1..... | 4 25@5 25 | 4 1/2c | 5 50 | 6 00 |
| 8..... | 3 50@4 25 | 4 | 4 00 | 4 25 | 8..... | 4 50@5 25 | 4 1/2c | 5 50 | 6 00 |
| 15..... | 3 25@4 00 | 4 | 4 00 | 4 25 | 15..... | 4 25@5 00 | 4 1/2c | 5 50 | 5 75 |
| 22..... | 3 50@4 00 | 3 1/2c | 4 00 | 4 50 | 22..... | 4 00@5 00 | 4 1/2c | 5 50 | 5 50 |
| 29..... | 3 50@4 00 | 3 1/2c | 4 00 | 4 50 | 29..... | 4 00@5 00 | 4 1/2c | 5 50 | 5 50 |
| November 5..... | 3 50@4 00 | 4 | 4 00 | 4 50 | May 6..... | 4 25@5 00 | 4 1/2c | 5 50 | 5 50 |
| 12..... | 3 50@4 25 | 3 1/2c | 4 00 | 4 75 | 13..... | 4 25@5 00 | 4 1/2c | 6 00 | 5 25 |
| 19..... | 3 50@4 25 | 3 1/2c | 4 00 | 4 75 | 20..... | 3 50@4 25 | 3 1/2c | 4 00 | 4 75 |
| 26..... | 3 50@4 00 | 3 1/2c | 4 00 | 4 50 | 27..... | 3 50@4 25 | 3 1/2c | 4 00 | 4 25 |
| December 3..... | 3 50@4 00 | 3 1/2c | 4 00 | 4 50 | June 3..... | 3 25@4 00 | 4 | 3 75 | 4 25 |
| 10..... | 3 50@4 25 | 4 | 4 25 | 4 25 | 10..... | 3 50@4 25 | 4 | 4 00 | 4 25 |
| 17..... | 3 75@4 25 | 4 1/2c | 4 50 | 4 50 | 17..... | 3 50@4 25 | 3 1/2c | 3 75 | 4 25 |
| 24..... | 3 75@4 25 | 4 1/2c | 4 50 | 4 50 | 24..... | 3 50@4 25 | 3 1/2c | 3 75 | 4 25 |
| 31..... | 3 75@4 25 | 4 1/2c | 5 00 | 5 00 | July 1..... | 3 00@3 25 | 3 1/2c | 3 50 | 4 25 |
| January 7..... | 3 75@4 25 | 4 1/2c | 5 00 | 5 25 | 8..... | 3 00@4 00 | 3 1/2c | 4 00 | 4 00 |
| 14..... | 3 75@4 25 | 4 1/2c | 5 00 | 5 25 | 15..... | 3 25@4 00 | 3 1/2c | 3 75 | 3 75 |
| 21..... | 3 75@4 50 | 4 1/2c | 5 00 | 5 25 | 22..... | 3 00@4 00 | 3 1/2c | 3 75 | 3 75 |
| 28..... | 4 00@4 50 | 4 1/2c | 5 00 | 5 25 | 29..... | 3 00@4 00 | 3 1/2c | 4 00 | 4 00 |
| February 4..... | 4 25@5 00 | 4 1/2c | 5 50 | 5 50 | August 5..... | 3 25@4 00 | 4 | 4 00 | 4 00 |
| 11..... | 4 00@5 00 | 4 | 5 25 | 5 50 | 12..... | 3 25@4 25 | 3 1/2c | 4 00 | 4 00 |
| 18..... | 4 00@4 75 | 4 1/2c | 5 50 | 5 50 | 19..... | 3 50@4 25 | 3 1/2c | 4 00 | 4 00 |
| 25..... | 3 75@4 50 | 4 1/2c | 5 50 | 5 50 | 26..... | 3 25@4 00 | 4 | 4 00 | 4 00 |

*All quotations prior to May 21st are for wool sheep; on and after that date, for sheared.

| GRADES. | 1878-79 | 1877-78 | 1876 77 | 1875-76 | 1874-75 |
|--|-------------|-------------|-------------|-------------|-------------|
| CATTLE. | | | | | |
| Fair to good shipping, per cental gross..... | \$4 00@1 50 | \$4 25@5 00 | \$5 00@5 50 | \$4 50@4 75 | \$5 50@5 75 |
| Good to choice, " " " " " " " " | 3 25@4 00 | 3 25@4 25 | 4 25@5 00 | 4 40@4 65 | 5 25@5 50 |
| Fair to medium, " " " " " " " " | 2 25@3 00 | 3 25@3 25 | 3 25@4 00 | 3 00@4 00 | 3 75@5 00 |
| Common, " " " " " " " " | 1 50@2 00 | 1 50@2 00 | 2 00@2 75 | 2 00@2 75 | 2 25@2 75 |
| SHEEP. | | | | | |
| Extra, per cental gross | \$4 25@4 50 | \$4 75 | \$4 50 | \$4 50 | \$4 50@5 00 |
| Choice, " " " " " " " " | 3 25@4 00 | 4 50 | 4 25 | 4 00@4 25 | 4 00@4 25 |
| Prime, " " " " " " " " | 3 00@3 50 | 4 00@4 25 | 3 75@4 00 | 3 50@4 00 | 3 00@3 50 |
| Common, " " " " " " " " | 2 00@2 75 | 2 25@3 00 | 2 75@3 25 | 2 25@2 75 | 2 50@2 75 |
| Lambs, per head | 2 25@3 25 | 2 00@3 50 | 2 00@3 00 | 2 00@3 00 | 2 25@3 50 |

| YEARS. | CATTLE. | | SHEEP. | | YEARS. | CATTLE. | | SHEEP. | |
|--------------|-----------|----------|-----------|----------|--------------|-----------|----------|-----------|----------|
| | Receipts. | Shipm'ts | Receipts. | Shipm'ts | | Receipts. | Shipm'ts | Receipts. | Shipm'ts |
| 1857-58..... | 29,566 | 17,115 | 17,896 | 4,363 | 1868-69..... | 107,813 | 40,185 | 117,548 | 31,353 |
| 1858-59..... | 43,100 | 21,615 | 29,064 | 6,025 | 1869-70..... | 107,167 | 54,681 | 90,205 | 35,381 |
| 1859-60..... | 43,182 | 20,593 | 25,069 | 6,724 | 1870-71..... | 125,771 | 53,278 | 134,892 | 51,109 |
| 1860-61..... | 40,585 | 19,357 | 22,041 | 6,000 | 1871-72..... | 169,855 | 76,866 | 187,522 | 68,541 |
| 1861-62..... | 37,004 | 23,467 | 27,453 | 7,433 | 1872-73..... | 149,629 | 53,385 | 131,683 | 62,755 |
| 1862-63..... | 31,915 | 16,739 | 25,900 | 4,745 | 1873-74..... | 199,426 | 79,551 | 240,161 | 101,975 |
| 1863-64..... | 39,152 | 14,903 | 35,223 | 4,077 | 1874-75..... | 227,450 | 108,438 | 273,102 | 172,007 |
| 1864-65..... | 54,424 | 19,070 | 47,023 | 5,815 | 1875-76..... | 248,503 | 98,322 | 355,848 | 278,320 |
| 1865-66..... | 79,503 | 31,300 | 73,229 | 13,177 | 1876-77..... | 202,726 | 98,890 | 246,188 | 210,220 |
| 1866-67..... | 91,496 | 43,079 | 91,987 | 24,052 | 1877-78..... | 173,987 | 80,664 | 362,493 | 286,961 |
| 1867-68..... | 87,459 | 43,315 | 73,097 | 19,809 | 1878-79..... | 182,954 | 82,416 | 404,574 | 329,578 |

The business in cheese at this city, during the past year, though below the previous year, has not materially changed in volume. There were diminished receipts during the first half of the year, though, from May 1st, 1879, the commencement of the new season, until the close of the commercial year, a decided increase was exhibited, the receipts having been for the latter period 41,311 boxes, compared with 31,272 in 1877-78, and the shipments 20,627 boxes, in comparison with 15,649. The total receipts for the year were 104,664 boxes, and the shipments 62,876 boxes, in comparison with 108,326 and 77,361 respectively in the previous year. The net receipts, which mainly represent local consumption, show an increase of more than 10,000 boxes over 1877-78, when the loss, compared with the preceding year, was about the same quantity. Our market, in the main, has been abundantly supplied with good cheese. The make of Illinois has been here in still larger quantities than formerly, though not quite so acceptable as the Ohio product, the price generally ruling about one-half cent below the latter. The manufactories in Ohio commenced work fifteen to thirty days later than usual, the large quantity of old cheese on the market and the unfavorable spring both conspiring to produce such a result. The season opened with Ohio factory cheese at about

7 cents per pound, in comparison with 9 cents at the corresponding period of the previous year. The tendency of the market was mainly downward from the opening of the season until the close of the commercial year, when there was a stiffening in prices. The year, mainly, has been distinguished by extraordinarily low prices. Since the new season opened, skims, at times, sold as low as 3 cents per pound, while good cheese, at the same period, ranged at 5@5½ cents. At no time within the period embraced by the records of the Chamber of Commerce, which extend to 1849-50, have prices had a parallel, save in 1859-60 and 1860-61, when, at times, they were equally low. The average quotation for Ohio factory cheese for the year was 7.3 cents, in comparison with 10.9 in 1877-78, and with 19.7 in 1864-65, which was the average for Western Reserve in that year.

Table showing the quotations for factory cheese, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|------------|-----------|---------------|----------|----------|-----------|
| September 3..... | 7 @ 7½c | 11 @ 11½c | 8½ @ 9c | March 4..... | 7 @ 8c | 12 @ 13c | 14 @ 15c |
| 10..... | 7 @ 7½c | 11 @ 11½c | 9½ @ 10½c | 11..... | 6½ @ 7½c | 12 @ 13c | 14 @ 15c |
| 17..... | 7 @ 7½c | 12 @ 12½c | 10 @ 11c | 18..... | 6½ @ 7½c | 12 @ 13c | 14 @ 15c |
| 24..... | 7 @ 7½c | 12 @ 12½c | 10 @ 11c | 25..... | 6½ @ 7½c | 12 @ 13c | 15 @ 15½c |
| October 1..... | 7 @ 7½c | 13 @ 13½c | 11½ @ 12c | April 1..... | 6½ @ 7½c | 12 @ 13c | 15 @ 15½c |
| 8..... | 9 @ 9½c | 13 @ 13½c | 12 @ 13c | 8..... | 6½ @ 8c | 12 @ 13c | 15 @ 15½c |
| 15..... | 9 @ 9½c | 13 @ 13½c | 12 @ 13c | 15..... | 6½ @ 8c | 12 @ 13c | 15 @ 15½c |
| 22..... | 9 @ 9½c | 13 @ 13½c | 12 @ 13c | 22..... | 6½ @ 8c | 9 @ 10½c | 15 @ 15½c |
| 29..... | 9 @ 9½c | 13 @ 13½c | 12 @ 13c | 29..... | 6½ @ 8c | 9 @ 10½c | 15 @ 15½c |
| November 5..... | 9 @ 9½c | 13 @ 13½c | 12 @ 13c | May 6..... | 6½ @ 8c | 9 @ 10½c | 15 @ 15½c |
| 12..... | 8½ @ 9c | 13 @ 13½c | 12 @ 13c | 13..... | 6½ @ 8c | 8½ @ 9c | 12 @ 13c |
| 19..... | 8½ @ 9c | 13 @ 13½c | 12 @ 13c | 20..... | 6 @ 8c | 8½ @ 9c | 12 @ 13c |
| 26..... | 7 @ 7½c | 12½ @ 13½c | 12 @ 13½c | 27..... | 6½ @ 7c | 7½ @ 8½c | 12 @ 13c |
| December 3..... | 7 @ 7½c | 12½ @ 13½c | 12 @ 13½c | June 5..... | 7 @ 7½c | 7½ @ 8½c | 10 @ 11c |
| 10..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | 10..... | 7 @ 7½c | 7½ @ 8½c | 10 @ 11c |
| 17..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | 17..... | 6½ @ 7c | 7½ @ 8½c | 10 @ 11c |
| 24..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | 24..... | 6½ @ 7c | 7½ @ 8½c | 10 @ 11c |
| January 31..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | July 1..... | 6 @ 7c | 7 @ 7½c | 8 @ 8½c |
| January 7..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | 8..... | 6 @ 7c | 7 @ 7½c | 8 @ 8½c |
| 14..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | 15..... | 5½ @ 6½c | 7 @ 7½c | 8 @ 9c |
| 21..... | 7 @ 7½c | 12½ @ 13½c | 13 @ 13½c | 22..... | 5½ @ 6½c | 7 @ 7½c | 8 @ 9c |
| 28..... | 7½ @ 8c | 12 @ 13c | 13 @ 14c | 29..... | 5½ @ 6½c | 7 @ 7½c | 8 @ 9½c |
| February 4..... | 7½ @ 8c | 12 @ 13c | 13 @ 14c | August 5..... | 5½ @ 6c | 7 @ 7½c | 9 @ 10c |
| 11..... | 7½ @ 8c | 12 @ 13c | 13 @ 14c | 12..... | 5½ @ 6c | 7 @ 7½c | 9 @ 9½c |
| 18..... | 7½ @ 8c | 12 @ 13c | 14 @ 15c | 19..... | 5½ @ 6c | 7 @ 7½c | 9 @ 9½c |
| 25..... | 7 @ 8c | 12 @ 13c | 14 @ 15c | 26..... | 5½ @ 6c | 7 @ 7½c | 9 @ 9½c |

The following were the average annual quotations for cheese, during the past twenty-four years—the last eight for factory, previously for Western Reserve:

| | | | | | | | |
|--------------|------|--------------|------|--------------|------|--------------|------|
| 1855-56..... | 9.7 | 1861-62..... | 6.3 | 1867-68..... | 14.2 | 1873-74..... | 14.7 |
| 1856-57..... | 10.1 | 1862-63..... | 10.4 | 1868-69..... | 16.5 | 1874-75..... | 14.4 |
| 1857-58..... | 8.1 | 1863-64..... | 14 | 1869-70..... | 17 | 1875-76..... | 11.4 |
| 1858-59..... | 8.2 | 1864-65..... | 19.7 | 1870-71..... | 13.7 | 1876-77..... | 12.2 |
| 1859-60..... | 8.5 | 1865-66..... | 19.3 | 1871-72..... | 14.5 | 1877-78..... | 10.9 |
| 1860-61..... | 7.8 | 1866-67..... | 11.7 | 1872-73..... | 14.5 | 1878-79..... | 7.3 |

Table showing the imports and exports of cheese for ten consecutive years, from May 1st, the commencement of the cheese season, to August 31st, the close of the commercial year:

| YEARS. | Imports, boxes. | Exports, boxes. | YEARS. | Imports, boxes. | Exports, boxes. |
|-----------|-----------------|-----------------|-----------|-----------------|-----------------|
| 1870..... | 38,790 | 25,477 | 1875..... | 47,569 | 11,982 |
| 1871..... | 48,170 | 24,079 | 1876..... | 52,063 | 29,344 |
| 1872..... | 53,124 | 31,286 | 1877..... | 39,092 | 20,491 |
| 1873..... | 54,821 | 28,621 | 1878..... | 31,272 | 15,649 |
| 1874..... | 54,134 | 28,521 | 1879..... | 41,311 | 20,627 |

Table showing the weekly movement of cheese, at Cincinnati, for two years :

| DATES. | IMPORTS. | | EXPORTS. | | DATES. | IMPORTS. | | EXPORTS. | |
|----------------|----------|---------|----------|---------|-------------|----------|---------|----------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 7... | 1,189 | 3,697 | 844 | 2,755 | March 8... | 1,703 | 714 | 905 | 1,117 |
| 14... | 2,738 | 3,532 | 1,542 | 2,612 | 15... | 650 | 495 | 1,058 | 1,118 |
| 21... | 2,964 | 3,598 | 1,034 | 1,809 | 22... | 474 | 1,484 | 779 | 1,830 |
| 28... | 3,800 | 6,628 | 1,733 | 2,719 | 29... | 683 | 857 | 768 | 1,362 |
| October 5... | 1,775 | 4,582 | 1,821 | 3,004 | April 5... | 769 | 670 | 666 | 696 |
| 12... | 4,520 | 5,217 | 2,038 | 3,766 | 12... | 1,539 | 773 | 662 | 927 |
| 19... | 2,822 | 3,893 | 1,931 | 3,066 | 19... | 853 | 787 | 631 | 365 |
| 26... | 2,267 | 4,165 | 1,153 | 2,330 | 26... | 1,590 | 1,111 | 663 | 602 |
| November 2... | 3,571 | 3,446 | 2,406 | 2,173 | May 3... | 776 | 1,242 | 844 | 794 |
| 9... | 3,597 | 2,995 | 2,137 | 2,514 | 10... | 857 | 1,512 | 817 | 868 |
| 16... | 1,576 | 3,134 | 1,279 | 2,022 | 17... | 1,725 | 1,430 | 897 | 774 |
| 23... | 2,122 | 1,314 | 1,163 | 3,167 | 24... | 2,085 | 2,331 | 1,197 | 973 |
| 30... | 2,435 | 2,258 | 2,885 | 1,975 | 31... | 1,809 | 1,847 | 1,054 | 783 |
| December 7... | 2,431 | 2,942 | 1,058 | 1,179 | June 7... | 2,783 | 1,896 | 876 | 1,051 |
| 14... | 4,516 | 2,283 | 2,232 | 3,314 | 14... | 3,142 | 977 | 859 | 985 |
| 21... | 3,389 | 3,580 | 1,728 | 2,266 | 21... | 2,317 | 2,305 | 1,294 | 1,138 |
| 28... | 680 | 1,998 | 1,502 | 2,837 | 28... | 3,165 | 2,669 | 1,575 | 768 |
| January 4... | 321 | 812 | 111 | 1,062 | July 5... | 2,240 | 1,482 | 1,241 | 797 |
| 11... | 1,550 | 152 | 769 | 495 | 12... | 2,997 | 1,469 | 1,314 | 563 |
| 18... | 166 | 1,040 | 868 | 994 | 19... | 1,921 | 1,077 | 1,015 | 518 |
| 25... | 1,893 | 926 | 670 | 2,556 | 26... | 1,481 | 1,228 | 1,408 | 706 |
| February 1... | 969 | 245 | 1,134 | 521 | August 2... | 1,822 | 1,188 | 926 | 780 |
| 8... | 1,364 | 3,064 | 1,237 | 830 | 9... | 3,190 | 2,362 | 957 | 649 |
| 15... | 1,067 | 799 | 1,508 | 749 | 16... | 3,107 | 2,575 | 846 | 1,578 |
| 22... | 933 | 132 | 391 | 635 | 23... | 3,025 | 2,233 | 2,546 | 1,181 |
| March 1... | 253 | 745 | 897 | 2,008 | 30... | 3,660 | 1,887 | 1,787 | 962 |

Table showing the aggregate annual receipts and shipments of cheese, at Cincinnati, during the past thirty-four years, each year ending August 31st :

| YEARS. | Imports boxes. | Exports boxes. | YEARS. | Imports boxes. | Exports boxes. | YEARS. | Imports boxes. | Exports boxes. |
|---------------|----------------|----------------|---------------|----------------|----------------|---------------|----------------|----------------|
| 1845-46 | 90,059 | 33,459 | 1856-57 | 176,623 | 112,692 | 1868-69 | 110,165 | 105,039 |
| 1846-47 | 120,301 | 70,104 | 1857-58 | 199,573 | 124,854 | 1869-70 | 198,963 | 189,222 |
| 1847-48 | 138,800 | 59,374 | 1858-59 | 223,250 | 146,196 | 1870-71 | 193,833 | 136,015 |
| 1848-49 | 113,265 | 55,134 | 1859-60 | 227,035 | 172,753 | 1871-72 | 187,640 | 123,260 |
| 1849-50 | 165,940 | 86,902 | 1860-61 | 156,683 | 121,235 | 1872-73 | 207,847 | 145,360 |
| 1850-51 | 205,441 | 121,755 | 1861-62 | 103,861 | 59,545 | 1873-74 | 181,865 | 127,689 |
| 1851-52 | 241,763 | 150,689 | 1862-63 | 124,936 | 71,839 | 1874-75 | 173,144 | 118,287 |
| 1852-53 | 202,367 | 145,066 | 1863-64 | 114,167 | 80,939 | 1875-76 | 183,745 | 123,214 |
| 1853-54 | 216,892 | 139,728 | 1864-65 | 125,871 | 83,022 | 1876-77 | 113,417 | 102,886 |
| 1854-55 | 183,379 | 102,352 | 1865-66 | 189,604 | 141,618 | 1877-78 | 108,826 | 77,361 |
| 1855-56 | 190,963 | 114,607 | 1866-67 | 200,971 | 160,231 | 1878-79 | 104,064 | 62,876 |
| | | | 1867-68 | 153,771 | 99,090 | | | |

COAL.

The business in coal during the past year has exhibited some marked features. In January, the miners in the whole Pittsburgh region entered on a strike, which continued until about the first of April, when an adjustment was made, by which they were to receive $2\frac{1}{2}$ cents per bushel instead of 2 cents, as previously. Soon after this, the effects of low water in the upper Ohio began to be felt, and continued with little interruption until the last month of the commercial year. There were three runs in April. In May there was none, a circumstance so exceptional that it is said not to have occurred before in a period of twenty-eight years, if it ever occurred. June passed also without

the usual rise, so that with the exception of the runs in August, which the rise, following the heavy storms late in July, allowed, the summer passed away with little occurring, as far as Pittsburgh coal is concerned, to relieve the condition of coal exhaustion to which the city was drifting. The railroads brought larger quantities than usual of the Ohio coals and some Pittsburgh, but with their present facilities for coal transportation they are not equal to meeting prospective wants. The result of this state of things is, that, with the higher prices incident to it, individuals have drawn on their old stocks of fuel, and the winter approaches with the cellars measurably empty and a stock in the yards so small that cold weather would soon exhaust it. The elements may come to the relief of the city. If they do not, the rich will procure their fuel at high prices and the poor will be left with the most slender resources for the supply of their winter's fires. If they who are able would buy their coal generally at the commencement of the warm season, instead of toward or at its close, they would lose nothing by the operation if they did not really gain, and would leave their less favored neighbors in a much more comfortable position in the event of a fuel famine occurring. The causes named, operating throughout the year, have resulted in diminished receipts from the Pittsburgh region, and in the tendency of prices in the opposite direction from the previous year, when the drift, from almost the commencement of the commercial year, was steadily downward. In September and October, Pittsburgh coal, afloat, was quotable at 6 cents, a price without a parallel in Cincinnati since the midsummer of 1878, and the years 1860-61 and 1861-62, this coal, in the latter years, having sold, respectively, at 5 and 5½ cents. Late in November, it advanced to 9@10 cents, but soon receded to 7 cents. In January, Pittsburgh, afloat, was quotable at 8@9 cents. Prices were easier during the remainder of the winter, ruling at 7@7½ cents. In April, there was an improvement, prices reaching 8 cents the first week in May. Soon thereafter, Pittsburgh coal, afloat, ceased to be on the market, until the last month of the commercial year. There having been no labor troubles in the Kanawha and Ohio coal regions, the year has been there an active one, and the aggregate receipts from those localities have increased. Prices for these coals, though more or less influenced by the Pittsburgh coal, have been more equable. The general average of the entire year, in quotations, for all coals, varies little from 1877-78. Pittsburgh, afloat, averaged 7.58 cents per bushel, in comparison with 7.86 in the previous year. Ashland was 6 cents, afloat, compared with 6.12; Ohio River, 5.52, in comparison with 5.82; Hocking Valley, at the elevator, 9.1, against 9.3; Raymond City, on arrival, 6.88, compared with 6.5; Muskingum Valley, on arrival, 8.92, in comparison with 9.17; Campbell's Creek, afloat, 7.16, against 7.1; and Cannel, afloat, 13.23, compared with 13. For coal, delivered, the comparison is as follows: Pittsburgh, 1878-79, 11.12; 1877-78, 11; Ashland, 1878-79, 9.63; 1877-78, 9.62; Ohio River, 1878-79, 8.79; 1877-78, 9.22; Hocking Valley, 1878-79, 10.48; 1877-78, 10.67; Raymond City, 1878-79, 10.19; 1877-78, 10.35; Muskingum Valley, 1878-79, 10.42; 1877-78, 10.62; Campbell's Creek, 1878-79, 10.70; 1877-78, 10.45; Cannel, 1878-79, 17.50; 1877-78, 18.13.

It will thus be seen that prices, mainly, have been slightly below the previous year. The most notable exception being Pittsburgh, delivered, which was a fraction above, growing out of light supplies. The year has been favorable to the railroad coal interest, the aggregate receipts from the interior Ohio mines having increased. The year, taken as a whole, has been more encouraging to dealers, who, prior to it, since 1873, had been subjected to all the unfavorable features incident to large production, heavy competition, general decline in values, dull times, and a ceaseless demand for lower prices. The whole period was disastrous, so that, if the past summer has shown more favorable conditions and the coming year presents an encouraging field to the coal men, it will be but partial compensation for the trials of the past. The shipments of coal, from this city, to the interior, have been the largest in the history of the city, having aggregated 6,494,600 bushels, compared with 4,973,300 bushels in 1877-78, and 5,738,700 in 1876-77.

The aggregate receipts for the year show a material falling off, having been in 1878-79

34,210,667 bushels, or 1,269,339 tons, compared with 38,892,229 bushels, or 1,441,754 tons in the previous year. The receipts have been the smallest in a period of seven years. The loss, however, has been almost entirely in Pittsburgh coal, the receipts of which, in 1878-79, aggregated 20,769,027 bushels, in comparison with 26,743,655, showing a falling off of 5,974,628 bushels, whereas the aggregate receipts exhibit a reduction of 4,681,562 bushels. Of the whole receipts in the late year, there came by river 31,305,067 bushels, or 91.5 per cent. of the whole, compared with 36,798,454 bushels, or 94.6 in 1877-78, and by rail 2,905,600 bushels, or 8.5 per cent. of the whole, compared with 2,093,775 bushels, or 5.4 per cent. in 1877-78. Of the grand aggregate there arrived from the Pittsburgh region 20,769,027 bushels, compared with 26,743,055 in the preceding year; from the Kanawha and adjacent localities, 6,467,588 bushels, in comparison with 6,767,371; from the Ohio mines and contiguous territory, 4,068,452 bushels, compared with 3,288,008. From the Anthracite region, 768,750 bushels, compared with 439,350 bushels, and from all other sources, including mainly the coal from the Hocking and Muskingum valleys and other interior mines of Ohio, 2,136,850 bushels, in comparison with 1,654,425.

The relation which the quantities of coal from the various sources of supply sustain to the whole quantity in the past two years, respectively, is as follows: Pittsburgh, 1878-79, 60.7 per cent.; 1877-78, 68.7 per cent. Kanawha River, etc., 1878-79, 18.9 per cent.; 1877-78, 17.4 per cent. Ohio River, etc., 1878-79, 11.9 per cent.; 1877-78, 8.5 per cent. All other sources, 1878-79, 8.5 per cent.; 1877-78, 5.4 per cent.

The business in Anthracite coal, stimulated by low rates, has been largely increased over the preceding year. The receipts have been larger than ever before, and the coal has gone into more general consumption. Prices have been the lowest ever known here, Wilkesbarre coal having been delivered, on cars, at wholesale, at times, as low as \$4.00 per ton, while Lehigh was relatively as low. This was brought about by competition between the railroads, all the trunk lines from the East to this city having been engaged. The average quotation for Anthracite, delivered, was \$6.67 per ton, compared with \$7.58 in the previous year, and \$8.33 in 1876-77.

A more than ordinary demand has existed for crushed gas-house coke, which, for domestic purposes, has passed into still more general use than ever before. Its cleanliness, cheapness, and entire adaptation to either purposes of cooking or heating commend it, and secure for it friends wherever tried. Our manufactories, all, of late, being in full operation, there has been an increased demand from that quarter, for manufacturers' coke. This has been specially felt in Connelsville coke, for which, in the latter part of the year, especially, there was a very active demand.

The receipts of coal of the various kinds, at this city, during the past year, compared with the six preceding years, appear in the following table. This table has been carefully made from the reports furnished by Messrs. A. L. Baker, A. J. Cook and D. B. Shutterly, coal measurers at this city, and from the books of the Merchants' Exchange, private returns, etc.

| KINDS. | BUSHELS. | | | | | | |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 | 1872-73 |
| Pittsburgh (Youghiogheny)..... | 20,769,027 | 26,743,055 | 28,237,572 | 27,017,592 | 24,225,002 | 24,014,681 | 24,962,373 |
| Ohio River..... | 4,068,452 | 3,288,008 | 5,141,150 | 4,400,792 | 4,277,327 | 10,398,133 | 11,075,072 |
| Kanawha..... | 6,134,080 | 6,286,622 | 3,631,823 | 6,004,675 | 4,476,619 | ..... | ..... |
| Muskingum Valley..... | 85,500 | 118,583 | 172,040 | 177,730 | 312,000 | ..... | ..... |
| Hocking Valley..... | 800,000 | 1,039,775 | 1,218,918 | 1,350,000 | 636,000 | ..... | ..... |
| Cannel..... | 333,549 | 380,768 | 322,171 | 109,358 | 566,452 | 710,000 | 1,162,052 |
| Anthracite..... | 768,750 | 439,350 | 376,125 | 282,578 | 248,750 | 112,000 | 75,000 |
| *Other receipts..... | 1,251,350 | 496,067 | 522,845 | 510,592 | 649,260 | ..... | ..... |
| Total..... | 34,210,667 | 38,892,229 | 39,622,634 | 40,183,317 | 35,390,300 | 35,234,814 | 37,274,497 |

*Principally Hocking and Muskingum Valleys, Washington and Piedmont coals, not elsewhere embraced.

Table showing the average annual quotation, at Cincinnati, for Pittsburgh (Youghiogheny) coal, delivered, in a period of sixteen years:

| | | | | | |
|--------------|---------|--------------|---------|--------------|-------|
| 1863-64..... | 38.34c. | 1868-69..... | 14.69c. | 1874-75..... | 14c. |
| 1864-65..... | 26.13 | 1869-70..... | 15.27 | 1875-76..... | 12.11 |
| 1865-66..... | 24.42 | 1870-71..... | 15.82 | 1876-77..... | 11.37 |
| 1866-67..... | 17.86 | 1871-72..... | 22.68 | 1877-78..... | 11 |
| 1867-68..... | 22.1 | 1872-73..... | 20.72 | 1878-79..... | 11.12 |
| | | 1873-74..... | 16.04 | | |

The following table shows the average annual quotation, at Cincinnati, for the various kinds of coal, during a period of five years:

| KINDS. | AFLOAT. | | | | |
|---|---------|---------|---------|---------|---------|
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 |
| Pittsburgh (Youghiogheny) per bush..... | 7.58c | 7.86c | 7.96c | 8.3c | 9.32 |
| Ashland, "..... | 6 | 6.12 | 6.75 | 7.09 | 8.8 |
| Ohio River, "..... | 5.52 | 5.82 | 6.19 | 5.97 | 6.63 |
| Hocking Valley, "..... | †9.1 | †9.3 | †9.98 | †10.05 | †9.94 |
| Raymond City, "..... | †6.88 | †6.5 | †7.3 | †7.62 | †8.35 |
| Muskingum Valley, "..... | †8.92 | †9.17 | †9.43 | †9.72 | †9.94 |
| Campbell's Creek, "..... | 7.16 | 7.1 | | | |
| Cannel, "..... | 13.23 | 13 | 15.73 | 16.14 | 17.3 |
| Anthracite, "..... | | | | | |

| KINDS. | DELIVERED. | | | | |
|---|------------|---------|---------|---------|---------|
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 |
| Pittsburgh (Youghiogheny) per bush..... | 11.12c | 11c. | 11.37c | 12.11c | 14c. |
| Ashland, "..... | 9.63 | 9.62 | 10.37 | 10.08 | 12.36 |
| Ohio River, "..... | 8.79 | 9.22 | 9.9 | 9.75 | 11.45 |
| Hocking Valley, "..... | 10.48 | 10.67 | 11.45 | 11.91 | 12 |
| Raymond City, "..... | 10.19 | 10.35 | 10.76 | 11.53 | 12.71 |
| Muskingum Valley, "..... | 19.42 | 10.62 | 10.98 | 11.79 | 13 |
| Campbell's Creek, "..... | 10.7 | 10.45 | | | |
| Cannel, "..... | 17.5 | 18.13 | 20.94 | 21.07 | 24.74 |
| Anthracite, "..... | \$6 67 | \$7 58 | \$8 33 | \$9 75 | \$9 86 |

*On arrival.

†At elevator. The averages for Hocking Valley coal for 1874-75 are from January 12, at which date the quotations for this kind of coal commenced. The quotation for the entire year of 1874-75 would probably be slightly above these figures.

Table showing the annual receipts of coal, at Cincinnati, for twenty-six years:

| YEARS. | Bushels. | Reduced to Tons. | YEARS. | Bushels. | Reduced to Tons. |
|--------------|------------|------------------|--------------|------------|------------------|
| 1853-54..... | 8,153,000 | 302,148 | 1866-67..... | 18,446,266 | 683,196 |
| 1854-55..... | 10,356,000 | 383,555 | 1867-68..... | 17,500,000 | 648,148 |
| 1855-56..... | 7,500,000 | 277,777 | 1868-69..... | 25,500,000 | 944,444 |
| 1856-57..... | 14,500,000 | 537,037 | 1869-70..... | 30,300,000 | 1,122,222 |
| 1857-58..... | 15,000,000 | 555,555 | 1870-71..... | 22,972,000 | 850,814 |
| 1858-59..... | 12,392,701 | 458,988 | 1871-72..... | 30,790,796 | 1,149,399 |
| 1859-60..... | 14,600,000 | 540,740 | 1872-73..... | 37,274,497 | 1,010,018 |
| 1860-61..... | 12,500,000 | 462,962 | 1873-74..... | 35,274,834 | 1,305,286 |
| 1861-62..... | 8,500,000 | 314,814 | 1874-75..... | 35,390,300 | 1,311,488 |
| 1862-63..... | 8,000,000 | 296,296 | 1875-76..... | 40,183,317 | 1,489,106 |
| 1863-64..... | 15,975,866 | 591,680 | 1876-77..... | 39,622,634 | 1,468,619 |
| 1864-65..... | 16,467,023 | 609,889 | 1877-78..... | 38,892,229 | 1,441,764 |
| 1865-66..... | 18,022,900 | 667,514 | 1878-79..... | 34,210,667 | 1,269,339 |

| DAYS. | PITTSBURGH (YOUNGHOHENY). | | | ASHLAND. | | | OHIO RIVER. | | | CAMPBELL'S CREEK. | | |
|-------------|---------------------------|------------|---------|----------|------------|---------|-------------|------------|---------|-------------------|------------|---------|
| | Afloat. | Delivered. | 1876-77 | Afloat. | Delivered. | 1876-77 | Afloat. | Delivered. | 1876-77 | Afloat. | Delivered. | 1876-77 |
| September 3 | 7c | 9c | 8c | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 10 | 7 | 9 | 8 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 17 | 7 | 9 | 8 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 24 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| October 1 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 8 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 15 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 22 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 29 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| November 5 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 12 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 19 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 26 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| December 3 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 10 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 17 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 24 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 31 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| January 7 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 14 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 21 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 28 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| February 4 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 11 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 18 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 25 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| March 4 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 11 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 18 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 25 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| April 1 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 8 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 15 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 22 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 29 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| May 6 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 13 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 20 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 27 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| June 3 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 10 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 17 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 24 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| July 1 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 8 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 15 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 22 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 29 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| August 5 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 12 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 19 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 26 | 6 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

*No session of the Chamber.

COOPERAGE.

The production of cooperage at Cincinnati, during the past year, has not varied materially from 1877-78, save in beer cooperage, which has largely increased. The general business was dull throughout the winter and spring, and remained so until toward the close of the commercial year, when there was an improved inquiry, which, though it stiffened the market, did not result in a general advance in prices. The quantity of country cooperage received was larger than in the preceding year, as shown by the receipts, which aggregated 334,533 pieces, compared with 287,667 in the preceding year. The shipments aggregated 179,845 pieces, in comparison with 92,227, the increase being traceable almost entirely to the large business done in beer cooperage, to which allusion has been made. Prices throughout the year have not varied materially from 1877-78. The average quotation for pork barrels, taking the whole range of city to country-make, for the year, has been 89 cents, compared with 86.4 in the preceding year, 98 in 1876-77, 89.5 in 1875-76 and \$1 09 in 1874-75. The average for whisky barrels has been \$1 20.5, in comparison with \$1 25.2 in 1877-78, \$1 29.3 in 1876-77, \$1 29.5 in 1875-76, \$1 56.5 in 1874-75. The year closed with a greatly improved tone to the cooperage market, and a strong tendency to higher prices.

The market was well supplied with coopers' stuff during the winter and spring, though during the last two months of the year there was a scarcity of staves, growing out of low water in the tributaries to the Ohio, which caused an advance of about \$2 00 per thousand. A noticeable matter in the stave business is the steady growth of the receipts for commercial purposes. A few years ago the market was a purely consumptive one, but of late years the shipments to other points have been increasing, so that the outward movement is important, and constitutes a distinctive feature of our trade. Oil barrel staves, not matched and matched, averaged for the year \$17 26 per thousand. Poles have been less abundant in this market because more cooperage was made in the country, the stock which otherwise would have come here having gone to nearer points of consumption. Prices were slightly lower than in the preceding year, though at the close there was an improvement in values, with a demand beyond the supply. The average quotation for barrel poles, at the river, for the year, was \$15 90 per thousand, in comparison with \$16 32 in 1877-78, \$13 56 in 1876-77, \$15 41 in 1875-76, and \$16 27 in 1874-75. The entire receipts of coopers' stuff during the year aggregated, approximately, \$625,000, a sum that will be surprising to those unacquainted with the extent of the trade.

Table showing the quotations, at Cincinnati, for the various kinds of cooperage and coopers' stuff, at the close of August, in three years:

| KINDS. | 1878-79 | 1877-78 | 1876-77 |
|---|--------------|-------------|--------------|
| Pork barrels, city.....each | \$0 95@ 1 00 | ..... | \$0 90@ 1 00 |
| " country..... | 90@ 95 | \$0 65@ 80 | 80@ 90 |
| Lard tierces, city..... | 1 20@ 1 25 | 1 00 | 1 10@ 1 20 |
| " country..... | 1 10@ 1 20 | 85@ 95 | 90@ 1 05 |
| Ham tierces, city..... | 50 | 60 | 60@ 65 |
| " country..... | 40@ 45 | 55@ 60 | 45@ 55 |
| Slack hogsheds, country..... | 1 10@ 1 20 | ..... | 1 30 |
| Flour barrels, country..... | 25@ 30 | ..... | ..... |
| Highwine barrels, city..... | 1 10@ 1 20 | 1 15@ 1 35 | 1 30@ 1 45 |
| " country..... | 1 00@ 1 10 | 1 20@ 1 25 | 1 10@ 1 25 |
| Eight-hoop Bourbon barrels, city..... | 1 25@ 1 30 | 1 30@ 1 40 | 1 60@ 1 70 |
| " country..... | 1 20@ 1 30 | 1 30@ 1 45 | 1 30@ 1 45 |
| Indiana staves, C. D. matched.....per 1,000 | 17 00@21 00 | 21 00@23 00 | 21 00@23 00 |
| " rough matched..... | 16 00@19 00 | 19 00@21 00 | 19 00@21 00 |
| Barrel poles, at river or railroad..... | 15 00@18 00 | 15 00@18 00 | 12 00@15 00 |
| Hoghead poles, | 25 00@30 00 | 25 00@30 00 | 25 00@30 00 |
| Rough river barrel staves, not culled, matched..... | 16 00@18 00 | 16 00@18 00 | 16 00 |
| " not matched..... | 12 00@16 00 | 16 00@20 00 | 15 00 |
| Oil barrel staves, culled, matched..... | 20 00 | 20 00 | 20 00 |
| " not matched..... | 16 00 | 18 00 | 18 00 |
| " heads equal to two pieces..... | 30 00@35 00 | 30 00@35 00 | 30 00@35 00 |

Table showing the price of pork and whisky barrels, on Tuesday, of each week, in two years, the prices given mainly being the whole range for city and country cooperage:

| DATES. | Pork Barrels. | | Whisky Barrels. | | DATES. | Pork Barrels. | | Whisky Barrels. | |
|----------------|---------------|------------|-----------------|------------|-------------|---------------|----------|-----------------|------------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 3... | 65@ 80 | 80@ 90 | 1 15@ 1 35 | 1 10@ 1 45 | March 4... | 65@ 90 | 80@ 1 00 | 1 30@ 1 35 | 1 15@ 1 35 |
| 10... | 65@ 80 | 80@ 90 | 1 15@ 1 35 | 1 10@ 1 45 | 11... | 65@ 90 | 75 | 1 30@ 1 35 | 1 15@ 1 35 |
| 17... | 65@ 80 | 85@ 1 05 | 1 15@ 1 35 | 1 10@ 1 45 | 18... | 65@ 90 | 75 | 1 30@ 1 35 | 1 15@ 1 35 |
| October 21... | 80@ 85 | 85@ 1 05 | 1 15@ 1 35 | 1 10@ 1 45 | 25... | 65@ 90 | 75 | 1 30@ 1 35 | 1 15@ 1 35 |
| 1... | 80@ 85 | 90@ 1 05 | 1 15@ 1 35 | 1 10@ 1 45 | April 1... | 65@ 90 | 75 | 1 10@ 1 25 | 1 15@ 1 35 |
| 8... | | 90@ 1 05 | | 1 10@ 1 35 | 8... | 65@ 90 | 65@ 70 | 1 10@ 1 25 | 1 15@ 1 35 |
| 15... | 80@ 85 | 90@ 1 05 | 1 15@ 1 35 | 1 10@ 1 35 | 15... | 65@ 80 | 65@ 70 | 1 10@ 1 20 | 1 15@ 1 35 |
| 22... | 90@ 95 | 90@ 1 05 | 1 10@ 1 30 | 1 10@ 1 35 | 22... | 65@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| November 29... | 90@ 95 | 90@ 1 05 | 1 10@ 1 30 | 1 10@ 1 35 | 29... | 65@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 5... | 90@ 95 | 90@ 1 05 | 1 10@ 1 30 | 1 10@ 1 35 | May 6... | 65@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 12... | 1 00@ 1 05 | 95@ 1 05 | 1 10@ 1 25 | 1 10@ 1 35 | 13... | 65@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 19... | 1 00@ 1 05 | 95@ 1 05 | 1 10@ 1 25 | 1 20@ 1 35 | 20... | 65@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| December 26... | 1 00@ 1 05 | 95@ 1 05 | 1 10@ 1 25 | 1 20@ 1 35 | 27... | 65@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 3... | 1 20@ 25 | 95@ 1 05 | 1 10@ 1 25 | 1 20@ 1 35 | June 3... | 75@ 80 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 10... | 1 20@ 25 | 95@ 1 10 | 1 10@ 1 25 | 1 20@ 1 35 | 10... | 75@ 85 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 17... | 1 15@ 20 | 95@ 1 10 | 1 10@ 1 25 | 1 20@ 1 35 | 17... | 75@ 85 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| January 31... | 1 20@ 25 | | 1 10@ 1 25 | | 24... | 90@ 95 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 7... | 1 20@ 25 | 1 00@ 1 17 | 1 10@ 1 25 | 1 15@ 1 35 | July 1... | 85@ 95 | 65@ 80 | 1 10@ 1 20 | 1 15@ 1 35 |
| 14... | 95@ 1 00 | 1 00@ 1 17 | 1 10@ 1 25 | 1 15@ 1 35 | 8... | 85@ 95 | 65@ 80 | 1 05@ 1 20 | 1 15@ 1 35 |
| 21... | 95@ 1 00 | 1 00@ 1 17 | 1 10@ 1 25 | 1 15@ 1 35 | 15... | 85@ 95 | 65@ 80 | 1 05@ 1 20 | 1 15@ 1 35 |
| February 28... | 95@ 1 00 | 1 00@ 1 17 | 1 30@ 1 35 | 1 15@ 1 35 | 22... | 90@ 1 00 | 65@ 80 | 1 05@ 1 20 | 1 15@ 1 35 |
| 4... | 80@ 95 | 1 00@ 1 17 | 1 30@ 1 35 | 1 15@ 1 35 | 29... | 90@ 1 00 | 65@ 80 | 1 00@ 1 20 | 1 15@ 1 35 |
| 11... | 80@ 95 | 1 00@ 1 17 | 1 30@ 1 35 | 1 15@ 1 35 | August 5... | 90@ 1 00 | 65@ 80 | 1 00@ 1 20 | 1 15@ 1 35 |
| 18... | 65@ 90 | 1 00@ 1 17 | 1 30@ 1 35 | 1 15@ 1 35 | 12... | 90@ 1 00 | 65@ 80 | 1 00@ 1 20 | 1 15@ 1 35 |
| 25... | 65@ 90 | 1 00@ 1 17 | 1 30@ 1 35 | 1 15@ 1 35 | 19... | 90@ 1 00 | 65@ 80 | 1 00@ 1 20 | 1 15@ 1 35 |
| | | | | | 26... | 90@ 1 00 | 65@ 80 | 1 00@ 1 20 | 1 15@ 1 35 |

*No session of the Chamber.

Table showing the annual receipts and shipments of cooperage, during a period of thirty-one years, each year ending August 31st:

| YEARS. | Receipts, pieces. | Shipments, pieces. | YEARS. | Receipts, pieces. | Shipments, pieces. | YEARS. | Receipts, pieces. | Shipments, pieces. |
|--------------|-------------------|--------------------|--------------|-------------------|--------------------|--------------|-------------------|--------------------|
| 1848-49..... | 147,462 | 56,617 | 1858-59..... | 246,768 | 146,018 | 1869-70..... | 259,916 | 176,390 |
| 1849-50..... | 201,711 | 78,673 | 1859-60..... | 216,361 | 119,592 | 1870-71..... | 360,931 | 207,744 |
| 1850-51..... | 146,691 | 63,084 | 1860-61..... | 173,099 | 121,870 | 1871-72..... | 455,083 | 150,896 |
| 1851-52..... | 135,118 | 64,279 | 1861-62..... | 190,550 | 207,158 | 1872-73..... | 452,018 | 204,423 |
| 1852-53..... | 194,665 | 103,858 | 1862-63..... | 152,089 | 136,597 | 1873-74..... | 450,521 | 269,171 |
| 1853-54..... | 197,063 | 172,849 | 1863-64..... | 202,549 | 102,831 | 1874-75..... | 451,753 | 156,857 |
| 1854-55..... | 126,539 | 108,105 | 1864-65..... | 173,927 | 188,988 | 1875-76..... | 585,580 | 193,966 |
| 1855-56..... | 162,349 | 114,737 | 1865-66..... | 223,875 | 129,710 | 1876-77..... | 679,069 | 190,692 |
| 1856-57..... | 161,406 | 105,363 | 1866-67..... | 301,389 | 150,974 | 1877-78..... | *287,667 | *92,227 |
| 1857-58..... | 203,291 | 136,079 | 1867-68..... | 191,857 | 91,199 | 1878-79..... | *334,533 | *179,845 |
| | | | 1868-69..... | 257,518 | 179,589 | | | |

*Prior to 1877-78, empty cooperage was embraced in these figures. In the past two years, only the new cooperage of commerce was reported—an explanation necessary, in order to understand the great disparity between the figures for the past two and preceding years.

COTTON.

The year in the cotton business has been one of fluctuations and surprises. At the close of the preceding year, with the promise of peace in Europe, good harvests, and a general improvement in the business of this country, it was expected that the market for the new year would open actively, and that prices would be well sustained. There were,

however, early, very large receipts, and before the new cotton year had passed its first month, there were indications that these hopes would not be realized. A decline in prices ensued, and continued until the month of December, when the lowest prices of which the Chamber has made record were experienced. It was soon noticed, that while the receipts at the United States ports had been largely in excess of the previous year, the visible supply was sensibly less. Cotton was rapidly passing into consumption, and under the belief that the supply of cotton would prove insufficient to meet the actual wants of the world, there was soon established an upward movement, which continued until the highest prices since 1875 were attained. Middling cotton, which early in September had commanded 11 $\frac{5}{8}$ cents per pound, by the 27th of December had declined to 8 $\frac{1}{8}$ cents, after which it swept upward until the middle of May, when it was quotable at 13 $\frac{1}{4}$ cents, an advance of 63 per cent. in five months. But the high prices had a correction within themselves, for the weekly takings were materially reduced, the large deficiency in the world's visible supply, whatever importance may be attached to it as an element in the cotton market, was rapidly reduced, and the prospects of a cotton famine, before the new crop could be marketed, were so rapidly diminished, that prices throughout June, July and the first half of August steadily declined, reaching 10 $\frac{7}{8}$ cents in the last named month. During the latter part of August a reaction ensued, August closing with Middling cotton quotable in Cincinnati at 12 $\frac{1}{8}$. It is somewhat noticeable that, notwithstanding the great fluctuations, the average price for the year has varied little from 1877-78. The average quotation for Middling cotton, in the past year, was 10.43 cents per pound, compared with 10.77 in the preceding year, and of Good Middling 10.75 cents, in comparison with 11.15. In all other grades the difference between the averages for the two years was less than these. Thus, Middling Fair, the average of which was 11.57 cents in 1878-79, was but nineteen hundredths of one cent per pound less than the year 1877-78, Low Middling sixteen hundredths, and Fair thirteen hundredths, while in both Ordinary and Good Ordinary the averages were above the previous year, the former having been 9.17 cents in 1878-79, in comparison with 9.04 in 1877-78, and the latter 9.73 cents, compared with 9.60, being in each case an increase of thirteen hundredths of one cent per pound. These figures not only show how nearly in the general average the two years were related, but it reveals how near, relatively, the extremes were to each other. Thus, while in 1878-79 the difference between Ordinary and Fair was 3.26 cents per pound, in 1877-78 it was 3.55 cents, in 1876-77 3.54, and in 1875-76 5.45 cents.

The crop of 1878 was not only the largest on record, but it was also one of the best in quality. The cotton was picked early. There was very little trashy or stained cotton, and the staple was uniformly good. The proportion of low grades was singularly small, the crop averaging about strict Low Middling, compared with Good Ordinary in the previous year.

The business at Cincinnati, measured by quantity, shows a very considerable improvement over the preceding year, and equals, if it does not exceed, any previous year. The aggregate receipts for the year were 248,069 bales, in comparison with 184,895 bales in 1877-78, and the shipments 244,532 bales, compared with 183,983. It should be remarked, too, that in the early part of the year the cotton business at this city was seriously interfered with by the yellow fever in the South. For a long period, transportation from the South was suspended, thus not only taking so much bodily from the business of the year, but also to a greater or less degree disturbing a resumption of the usual business by the inroads which more favored markets had made. On the whole, it has been a very satisfactory year. Our business with the mills has increased, and with foreign countries it has been fully maintained, favored, as it has been, by extraordinarily low through rates, cotton in May having been shipped on through bills from Cincinnati to Liverpool at 50 cents per 100 pounds. The year, however, has had more disadvantages than those enumerated; for, while there have been satisfactory freight rates eastwardly, there has been complaint with reference to the rates between the South and this city. Thus it has occurred, at times, that our merchants here could secure better rates from southern points to the eastern ports than could be secured through this city, and though

they have sought to transact the business by shipments direct from the more favored points, it has still, so far, been doing business at arms-length. Such considerations as these render the approach of the completion of the Cincinnati Southern Railway, which is to pierce the heart of the cotton district, a subject of the largest congratulation to all here concerned in the trade of this great staple. With a trunk line directly to the cotton belt, where connections will be made with a system of railways reaching throughout the Gulf States, with a road controlled alike in the interests of the city and of the people of the Cotton States, with the amplest protection against discrimination, and the largest facilities for transportation, with the natural relation which this great central city of the country sustains to the people and business of the South, that the completion of this national highway of commerce must be of the largest importance to the cotton interests of this city, the most inattentive observer must admit. It is a subject of regret that, with the prospects of the largest crop on record, and with the renewed activity and life which has been awakened in cotton manufactures, the road will not be ready for the movement of the whole of the coming crop. A part of the year, however, must feel its beneficial influences, and the years which follow will all bear testimony to the value of this great agent in the solution of at least one of the most difficult of Cincinnati's business problems.

Table exhibiting the average annual quotation for the various grades of cotton, at Cincinnati, in four years :

| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|--------------------|---------|---------|---------|---------|--------------------|---------|---------|---------|---------|
| Ordinary..... | 9.17c. | 9.04c. | 9.72c. | 9.01c. | Middling..... | 10.43c. | 10.77c. | 11.33c. | 12.28c. |
| Good Ordinary..... | 9.73 | 9.6 | 10.45 | 10.42 | Good Middling..... | 10.75 | 11.15 | 11.7 | 12.89 |
| Low Middling..... | 10.10 | 10.26 | 10.9 | 11.5 | Middling Fair..... | 11.57 | 11.76 | 12.34 | 13.75 |
| | | | | | Fair..... | 12.46 | 12.59 | 13.26 | 14.46 |

Table showing the annual receipts and shipments of cotton, at Cincinnati, for the last twenty-five years, each year ending August 31 :

| YEARS. | Receipts, bales. | Shipm'ts, bales. | YEARS. | Receipts, bales. | Shipm'ts, bales. | YEARS. | Receipts, bales. | Shipm'ts, bales. |
|--------------|---------------------|---------------------|--------------|---------------------|---------------------|--------------|---------------------|---------------------|
| 1854-55..... | 15,107 | 10,021 | 1862-63..... | 58,621 | 45,998 | 1871-72..... | 122,128 | 117,349 |
| 1855-56..... | 29,119 | 21,625 | 1863-64..... | 85,741 | 79,486 | 1872-73..... | 137,575 | 127,489 |
| 1856-57..... | 18,794 | 13,278 | 1864-65..... | 88,472 | 87,485 | 1873-74..... | 195,895 | 188,083 |
| 1857-58..... | 18,745 | 19,361 | 1865-66..... | 153,698 | 152,061 | 1874-75..... | 151,980 | 150,550 |
| 1858-59..... | 49,946 | 44,135 | 1866-67..... | 146,213 | 141,250 | 1875-76..... | 185,376 | 171,773 |
| 1859-60..... | 78,013 | 71,344 | 1867-68..... | 135,608 | 133,125 | 1876-77..... | 175,527 | 171,831 |
| 1860-61..... | 109,806 | 105,755 | 1868-69..... | 137,417 | 137,043 | 1877-78..... | 184,895 | 183,965 |
| 1861-62..... | 29,692 | 26,985 | 1869-70..... | 153,639 | 148,034 | 1878-79..... | 248,069 | 244,532 |
| | | | 1870-71..... | 230,411 | 182,856 | | | |

Table showing the cotton crops of the United States for forty-eight years :

| YEARS. | Bales. | YEARS. | Bales. | YEARS. | Bales. |
|-------------------|------------|--------------|-----------|--------------|-----------|
| 1878-79..... | 5,073,531 | 1860-61..... | 3,826,086 | 1845-46..... | 2,170,537 |
| 1877-78..... | 4,811,265 | 1859-60..... | 4,823,770 | 1844-45..... | 2,484,662 |
| 1876-77..... | 4,485,423 | 1858-59..... | 3,994,481 | 1843-44..... | 2,108,579 |
| 1875-76..... | 4,669,288 | 1857-58..... | 3,238,902 | 1842-43..... | 2,394,208 |
| 1874-75..... | 3,832,991 | 1856-57..... | 3,056,519 | 1841-42..... | 1,688,675 |
| 1873-74..... | 4,170,388 | 1855-56..... | 3,645,315 | 1840-41..... | 1,639,353 |
| 1872-73..... | 3,940,503 | 1854-55..... | 2,932,339 | 1839-40..... | 2,181,749 |
| 1871-72..... | 2,974,351 | 1853-54..... | 3,035,027 | 1838-39..... | 1,363,463 |
| 1870-71..... | 4,352,317 | 1852-53..... | 3,352,882 | 1837-38..... | 1,804,797 |
| 1869-70..... | 3,154,946 | 1851-52..... | 3,090,029 | 1836-37..... | 1,425,575 |
| 1868-69..... | 2,439,039 | 1850-51..... | 2,415,257 | 1835-36..... | 1,390,725 |
| 1867-68..... | 2,198,895 | 1849-50..... | 2,171,706 | 1834-35..... | 1,254,322 |
| 1866-67..... | 2,059,271 | 1848-49..... | 2,808,596 | 1833-34..... | 1,205,394 |
| 1865-66..... | 2,228,987 | 1847-48..... | 2,424,113 | 1832-33..... | 1,070,458 |
| 1861 to 1865..... | No record. | 1846-47..... | 1,860,479 | 1831-32..... | 987,477 |

| DATE. | Imports—all U. S. Ports. | | | | | | Exports—all U. S. Ports. | | | | | | Stock at all U. S. Ports. | | | | | | Stock at Interior Towns. | | | | | | World's Viable Supply. | | | | | | | | | | | |
|-------------|--------------------------|---------|---------|---------|---------|---------|--------------------------|---------|---------|---------|---------|---------|---------------------------|---------|---------|---------|---------|-----------|--------------------------|---------|-----------|---------|---------|-----------|------------------------|---------|-----------|---------|---------|-----------|---------|---------|-----------|---------|--|--|
| | 1878-79 | | | 1877-78 | | | 1878-79 | | | 1877-78 | | | 1878-79 | | | 1877-78 | | | 1878-79 | | | 1877-78 | | | 1878-79 | | | 1877-78 | | | 1878-79 | | | 1877-78 | | |
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | | | |
| September 6 | 29,000 | 5,722 | 20,000 | 2,900 | 6,222 | 9,000 | 57,000 | 113,202 | 114,000 | 6,500 | 8,675 | 8,000 | 706,485 | 983,132 | 8,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 13 | 47,000 | 13,000 | 40,000 | 6,000 | 13,000 | 108,000 | 80,000 | 108,000 | 108,000 | 10,000 | 10,000 | 9,000 | 691,208 | 927,707 | 9,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 20 | 74,000 | 22,000 | 64,000 | 8,000 | 2,400 | 13,000 | 110,000 | 109,000 | 164,000 | 14,000 | 8,000 | 8,000 | 680,516 | 983,132 | 16,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 27 | 98,000 | 43,000 | 96,000 | 14,000 | 4,000 | 13,000 | 170,000 | 128,000 | 223,000 | 20,000 | 12,000 | 21,000 | 653,941 | 746,831 | 21,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| October 4 | 132,000 | 68,000 | 123,000 | 46,000 | 14,000 | 23,000 | 281,000 | 155,000 | 290,000 | 24,000 | 16,000 | 30,000 | 708,843 | 746,831 | 30,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 11 | 116,000 | 109,000 | 137,000 | 81,000 | 32,000 | 21,000 | 318,000 | 209,000 | 377,000 | 27,000 | 24,000 | 36,000 | 708,843 | 746,831 | 36,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 18 | 158,000 | 135,000 | 155,000 | 101,000 | 61,000 | 64,000 | 412,000 | 292,000 | 436,000 | 36,000 | 58,000 | 49,000 | 708,843 | 746,831 | 49,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 25 | 162,000 | 158,000 | 174,000 | 104,000 | 61,000 | 64,000 | 412,000 | 361,000 | 517,000 | 45,000 | 68,000 | 66,000 | 708,843 | 746,831 | 66,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| November 1 | 161,000 | 181,000 | 203,000 | 111,000 | 92,000 | 92,000 | 430,000 | 424,000 | 625,000 | 55,000 | 73,000 | 73,000 | 708,843 | 746,831 | 73,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 8 | 177,000 | 202,000 | 211,000 | 127,000 | 105,000 | 110,000 | 490,000 | 518,000 | 715,000 | 81,000 | 104,500 | 104,500 | 708,843 | 746,831 | 104,500 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 15 | 179,000 | 200,000 | 210,000 | 127,000 | 105,000 | 110,000 | 568,000 | 579,000 | 890,000 | 104,500 | 104,500 | 104,500 | 708,843 | 746,831 | 104,500 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 22 | 181,000 | 178,000 | 203,000 | 127,000 | 105,000 | 110,000 | 568,000 | 579,000 | 890,000 | 104,500 | 104,500 | 104,500 | 708,843 | 746,831 | 104,500 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 29 | 220,000 | 220,000 | 220,000 | 187,000 | 187,000 | 133,000 | 614,000 | 628,000 | 890,000 | 138,000 | 138,000 | 138,000 | 708,843 | 746,831 | 138,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| December 6 | 220,000 | 220,000 | 220,000 | 187,000 | 187,000 | 133,000 | 614,000 | 628,000 | 890,000 | 138,000 | 138,000 | 138,000 | 708,843 | 746,831 | 138,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 13 | 212,000 | 222,000 | 196,000 | 187,000 | 187,000 | 133,000 | 625,000 | 727,000 | 954,000 | 161,000 | 146,000 | 146,000 | 708,843 | 746,831 | 146,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 20 | 195,000 | 228,000 | 161,000 | 181,000 | 181,000 | 114,000 | 625,000 | 625,000 | 890,000 | 138,000 | 138,000 | 138,000 | 708,843 | 746,831 | 138,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 27 | 139,000 | 162,000 | 115,000 | 108,000 | 108,000 | 108,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| January 10 | 119,000 | 151,000 | 162,000 | 108,000 | 108,000 | 108,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 17 | 150,000 | 159,000 | 162,000 | 108,000 | 108,000 | 108,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 24 | 171,000 | 183,000 | 183,000 | 134,000 | 134,000 | 134,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 31 | 148,000 | 117,000 | 120,000 | 86,000 | 86,000 | 86,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| February 7 | 170,000 | 133,000 | 143,000 | 104,000 | 104,000 | 104,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 14 | 183,000 | 105,000 | 86,000 | 129,000 | 121,000 | 121,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 21 | 111,000 | 91,000 | 65,000 | 116,000 | 116,000 | 116,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| 28 | 85,000 | 91,000 | 49,000 | 116,000 | 116,000 | 116,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | | | |
| March 7 | 60,000 | 82,000 | 32,000 | 44,000 | 44,000 | 44,000 | 867,000 | 867,000 | 910,000 | 185,000 | 185,000 | 185,000 | 708,843 | 746,831 | 185,000 | 398,000 | 631,250 | 1,115,465 | 408,000 | 631,250 | 1,115,465 | 408,000 | | | | | | | | | | | | | | |

Table showing the Cincinnati cotton statement in a period of eight years:

| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 | 1872-73 | 1871-72 |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Stock on hand September 1..... | 1,858 | 4,755 | 6,612 | 1,270 | 6,114 | 4,253 | 1,576 | 1,690 |
| Imports..... | 248,069 | 184,895 | 175,527 | 185,376 | 151,980 | 195,895 | 137,575 | 122,128 |
| Exports..... | 244,532 | 183,983 | 171,835 | 171,773 | 150,550 | 188,083 | 127,489 | 117,349 |
| Consumption..... | 2,610 | 4,736 | 5,530 | 8,261 | 6,274 | 5,951 | 7,409 | 4,893 |
| Stock on hand September 1, 1878 | 931 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

Table showing the weekly movement of cotton, at Cincinnati, for two years, together with the estimated consumption from the first of September to the close of each week, the approximate consumption for the year, also the estimated stock at the close of each week, and the actual stock at the close of each year:

| DATE. | | RECEIPTS. | | SHIPMENTS. | | CONSUMPTION. | | STOCK. | |
|-----------|---------|-----------|---------|------------|---------|--------------|---------|---------|---------|
| | | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September | 7..... | 231 | 496 | 321 | 950 | ..... | 100 | 1,096 | 4,201 |
| | 14..... | 1,027 | 586 | 974 | 1,639 | ..... | 200 | 994 | 3,048 |
| | 21..... | 718 | 668 | 738 | 1,450 | ..... | 300 | 974 | 2,166 |
| | 28..... | 1,969 | 542 | 764 | 555 | 100 | 400 | 2,079 | 2,053 |
| October | 5..... | 1,925 | 329 | 2,378 | 721 | 200 | 500 | 1,526 | 1,561 |
| | 12..... | 4,399 | 428 | 3,737 | 661 | 300 | 600 | 2,188 | 1,228 |
| | 19..... | 1,631 | 918 | 2,176 | 711 | 300 | 700 | 1,544 | 1,355 |
| | 26..... | 6,499 | 3,111 | 6,154 | 2,666 | 400 | 800 | 1,789 | 1,680 |
| November | 2..... | 5,340 | 5,196 | 4,649 | 4,181 | 500 | 900 | 2,396 | 2,594 |
| | 9..... | 10,474 | 4,461 | 10,910 | 3,457 | 600 | 1,000 | 1,850 | 3,498 |
| | 16..... | 3,130 | 4,598 | 2,416 | 4,067 | 700 | 1,100 | 2,464 | 3,939 |
| | 23..... | 7,103 | 5,112 | 5,896 | 7,891 | 800 | 1,200 | 4,081 | 4,060 |
| December | 30..... | 7,488 | 5,620 | 5,287 | 5,046 | 900 | 1,800 | 6,182 | 4,434 |
| | 7..... | 10,963 | 7,652 | 11,991 | 8,110 | 1,000 | 1,400 | 5,054 | 3,876 |
| | 14..... | 7,716 | 9,727 | 7,884 | 6,562 | 1,100 | 1,500 | 5,286 | 6,951 |
| | 21..... | 12,608 | 7,631 | 11,759 | 8,974 | 1,200 | 1,600 | 6,030 | 5,708 |
| January | 28..... | 8,898 | 6,486 | 6,879 | 4,999 | 1,300 | 1,700 | 7,944 | 7,005 |
| | 4..... | 11,953 | 5,352 | 12,297 | 6,998 | 1,400 | 1,800 | 7,500 | 5,349 |
| | 11..... | 2,899 | 4,561 | 3,525 | 4,614 | 1,500 | 1,900 | 6,774 | 5,196 |
| | 18..... | 8,524 | 5,010 | 9,455 | 5,889 | 1,600 | 2,000 | 5,743 | 4,217 |
| February | 25..... | 6,889 | 4,658 | 4,102 | 3,349 | 1,700 | 2,100 | 8,380 | 5,421 |
| | 1..... | 6,902 | 7,725 | 5,584 | 5,928 | 1,800 | 2,200 | 9,588 | 7,118 |
| | 8..... | 5,216 | 5,058 | 6,643 | 5,327 | 1,900 | 2,300 | 8,071 | 6,749 |
| | 15..... | 6,188 | 3,879 | 7,045 | 3,749 | 2,000 | 2,400 | 7,064 | 6,779 |
| March | 22..... | 10,780 | 4,803 | 7,560 | 4,359 | 2,100 | 2,500 | 10,164 | 7,123 |
| | 1..... | 8,382 | 5,304 | 11,940 | 5,797 | 2,200 | 2,600 | 6,506 | 6,530 |
| | 8..... | 10,091 | 4,765 | 8,614 | 4,471 | 2,300 | 2,700 | 7,888 | 6,724 |
| | 15..... | 11,976 | 6,187 | 12,395 | 6,950 | 2,400 | 2,800 | 7,375 | 5,861 |
| April | 22..... | 7,125 | 4,232 | 6,786 | 3,300 | 2,500 | 2,900 | 7,612 | 6,695 |
| | 29..... | 10,900 | 10,100 | 9,067 | 6,722 | 2,600 | 3,000 | 9,345 | 9,971 |
| | 5..... | 8,002 | 1,993 | 8,974 | 3,884 | 2,700 | 3,100 | 8,273 | 7,980 |
| | 12..... | 10,915 | 2,882 | 9,470 | 3,261 | 2,800 | 3,200 | 9,618 | 7,501 |
| May | 19..... | 5,914 | 3,285 | 7,904 | 3,114 | 2,900 | 3,300 | 7,528 | 7,572 |
| | 26..... | 4,281 | 4,061 | 3,979 | 3,960 | 3,000 | 3,400 | 7,730 | 7,578 |
| | 3..... | 3,834 | 2,624 | 4,222 | 2,939 | 3,100 | 3,500 | 7,242 | 7,158 |
| | 10..... | 2,608 | 3,424 | 3,647 | 3,993 | 3,200 | 3,600 | 6,103 | 6,489 |
| June | 17..... | 2,214 | 3,373 | 2,444 | 3,440 | 3,300 | 3,700 | 5,773 | 5,322 |
| | 24..... | 1,632 | 5,255 | 3,023 | 5,372 | 3,400 | 3,800 | 4,802 | 6,106 |
| | 31..... | 906 | 3,998 | 2,593 | 4,573 | 3,500 | 3,900 | 2,515 | 5,340 |
| | 7..... | 3,472 | 2,578 | 2,482 | 2,886 | 3,600 | 4,000 | 3,405 | 5,022 |
| July | 14..... | 678 | 1,466 | 1,758 | 1,948 | 3,700 | 4,100 | 2,225 | 4,440 |
| | 21..... | 1,455 | 1,281 | 1,629 | 2,216 | 3,800 | 4,200 | 1,951 | 3,405 |
| | 28..... | 374 | 2,535 | 1,809 | 2,090 | 3,900 | 4,300 | 1,516 | 3,750 |
| | 5..... | 321 | 1,121 | 311 | 1,346 | 3,800 | 4,400 | 1,526 | 3,425 |
| August | 12..... | 623 | 844 | 189 | 1,054 | 3,800 | 4,500 | 1,990 | 3,115 |
| | 19..... | 303 | 1,261 | 526 | 738 | 3,800 | 4,600 | 1,767 | 3,558 |
| | 26..... | 336 | 1,296 | 258 | 1,276 | 3,800 | 4,700 | 1,845 | 3,478 |
| | 2..... | 194 | 999 | 136 | 1,954 | 3,800 | 4,800 | 1,903 | 2,425 |
| | 9..... | 62 | 624 | 247 | 1,344 | 3,800 | 4,900 | 1,718 | 1,603 |
| | 16..... | 16 | 697 | 385 | 1,340 | 3,800 | 5,000 | 1,349 | 860 |
| | 23..... | 26 | 646 | 333 | 706 | 3,800 | 5,100 | 1,042 | 697 |
| | 30..... | 63 | 346 | 437 | 476 | *2,610 | *4,736 | †1,858 | †934 |

*Approximate consumption.

†Actual count.

COTTON YARN, CORDAGE, ETC.

Though the fall of 1878 and much of the succeeding winter were very dull in cotton yarns, cordage, etc., there was a decided improvement in the latter part of the first half of the calendar year of 1879. The demand for this class of goods was then brisk, and, with a fair manufacturer's profit, this part of the year was satisfactory. Yarns, warps, twines and cordage following, to some extent, the price of the raw material, advanced 2@3 cents per pound.

After the first of July, the demand was not so active, and at the close of August, prices were scarcely sustained. Cotton yarn, which had been quotable at 20 cents per pound at the commencement of the commercial year, declined to 18, early in October. In February, another cent was taken off. Early in April, an advance of 2 cents per pound was established, and in May, a further advance carried it to 21 cents. In August, the quotation was 20 cents. The average for the year was 19 cents, compared with 19.3 in 1877-78, 20 in 1876-77, 22.6 in 1875-76, 25.6 in 1874-75, 29.6 in 1873-74, and 35 in 1872-73.

The average for the past year was the lowest in many years. It is worthy, too, of remark that the average quotation shows a decline in seven years of 45 per cent. The production here was in excess of the preceding year. In batting, the market has been depressed and unsatisfactory, with a production greatly reduced from the previous year, on account of severe competition from the East, the market having been flooded most of the time with eastern batting. There, however, has been an increased demand for wadding, and the production has been fully equal to the capacity of the mills. Prices have been low and profits slender.

Table showing the prices of yarn, warps, wicking, twine, rope, bagging and wadding, at the close of August, for three years:

| Stock. | 1879 | 1878 | 1877 | Stock. | 1879 | 1878 | 1877 |
|-----------------------------------|------|------|---------|----------------------------------|-------|-------|---------------|
| Assorted Nos., per lb..... | *20 | *20c | *21c | Candle wicking, per lb..... | 19c | 18c | 21c |
| Dozen yarns, 500 per doz..... | *10 | *10 | *10 1/2 | Twine, two-thread, per lb..... | 17 | 16 | *21 |
| Dozen yarns, 600 "..... | *9 | *9 | *9 1/2 | Rope, 3-16 to 6-16 inch, per lb. | 16 | 15 | *16 |
| Dozen yarns, 700 "..... | *8 | *8 | *8 1/2 | Batting, per lb..... | 9@15 | 7@15 | 9@17 |
| Coverlet warp, per lb..... | *22 | *22 | *23 | Wadding, col'd, 2 lbs. per doz. | 28@30 | 26@28 | 33 1/2@37 1/2 |
| Carpet warps, white, per lb..... | *20 | *20 | *21 | Wadding, col'd, 1 " " " | 15@16 | 17 | 17 |
| Carpet warps, colored, per lb.... | *25 | *25 | *26 | | | | |

*A discount allowed from these quotations of 5 per cent., in quantities.

DRY GOODS.

In no department of trade have there been better evidences of a permanently improved condition of affairs, commercially, than in wholesale dry goods. In every branch and in all its aspects it presents a condition of restored health, and of prospective vigorous growth. The change manifested itself early in the calendar year. Though the winter presented a quiet field, it was not behind the previous year in the volume of its business. With the bankrupt law out of the way, and resumption of specie payment successfully attained; with the general conviction that prices had touched their lowest point, and that production had been so far reduced by the stoppage of mills and short time as to bring it within healthful bounds; with the weak members of the business community well removed, and with the earnest desire on the part of merchants to try to make at least a living out of their business, the spring approached, bringing with it

an improved feeling throughout the entire dry goods field of the country. The steady upward movement of the price of raw cotton came also to stimulate hopes of better prices in cotton goods, the realization of which was not long to be delayed. In the early spring there was a firmer market generally for cotton fabrics, which soon grew into a positive advance in prices. As the clouds, that for five years had swept across the commercial skies, showed signs of actual dispersal, business men began to feel that there were better times ahead. It is true, many in the interior, remembering the bitter experiences of a long journey, were not prepared at once to believe that a pronounced change was so near at hand; but the steadily advancing prices, the renewed activity in the whole business field, and the promise of one of the most abundant and timely harvests the country had ever enjoyed, relieved the fears of the doubting ones, so that by the time the preparations began for the fall trade, there were universal and most undoubted evidences of the long looked for business revival. Merchants began to buy freely, not in large bills, nor, as before the war, to meet remote prospective wants, but to satisfy current demands, which were steadily increasing. At no time, for years, has the late summer and early fall trade been so good. Paper is being promptly paid. An unusual number of merchants are discounting their own paper, while the number of cash buyers has materially increased. A noticeable feature is the universal desire to make some profit from the transaction of business. Merchants are sick of working for nothing, or worse than nothing, and are content to allow their neighbors a subsistence, if they may be permitted to reasonably hope for such a return themselves. The advance in goods proceeded by successive steps, cottons feeling the change first, and woolen fabrics afterward falling into line. Standard prints advanced here from $5\frac{1}{2}$ @6 cents per yard to $6\frac{1}{2}$ @7 cents, in some cases refuse styles selling at less than these quotations in both years. Standard sheetings, which in the spring were quotable here at 6@7 cents, advanced to $7\frac{1}{2}$ @8 $\frac{1}{2}$. Lonsdale shirtings, which were sold at 8 cents, commanded $9\frac{1}{2}$ cents. Canton flannels had well nigh 25 per cent. added to their value. Standard doeskin jeans advanced from 35 per yard to 40 cents. The advance in cotton fabrics ranges generally from 15@30 per cent. In woolen goods it has been 10@15 per cent., though it is mostly felt in jeans, flannels and kindred goods. In some important classes of domestic dress goods little change, if any, has occurred, though in foreign woollens of this class prices are higher. Silks, too, have advanced largely. It will thus be seen we have better prices, better demand, better pay, and better prospects. Cincinnati, doubtless, in the present calendar year will, in quantity measured by yards, packages, etc., sell more dry goods than she has ever done in her history, and she will be better prepared to enter upon an active, vigorous, liberal prosecution of the great work which is before her dry goods merchants than she has ever been. The dry goods trade holds an important position in the commerce of the city. It is the pivot about which other departments of the jobbing business to a great extent revolve. The South opens to her a mighty field for her occupation. If she moves into this new territory, carrying with her the great train of kindred interests, the dry goods business men of Cincinnati will find a goal which may well satisfy the ambition of any class who desire to build broad foundations for the city's future business growth.

The commission dry goods business of the city has, in extent, fully maintained its previous position. While there is not rapid development in this branch of the dry goods business, it is becoming each year more and more a distinctive department. Jobbers are reconciled to buying at home, if they can do as well. Goods are purchased on their merit. The brown sheetings of the South especially are distributed from this city over a wide area, reaching all the important cities of the West.

The business in clothing shows an improvement no less marked. The increase in aggregate value, since the first of January, has been from 25 to 33 per cent. The commercial year, embracing the four months preceding resumption, would not make so good a showing, and yet would exhibit a wholesome increase. The scope of distribution has materially increased, particularly in the South. Country merchants have paid more promptly, and the aspects, generally, are exceedingly favorable. The demand for low-

priced clothing, in preference to better goods, which marked the stringency of the times in the preceding year, has fallen off, showing an improvement in the ability of the people to buy. The growth in the production of youths' clothing, which was noted in the previous report, has been equally important in the past year. Prices have somewhat advanced, but not in proportion to the advance in materials and labor, both of which show a material increase. It should be remarked, however, that the change in the cost of producing mainly came after the stocks, which supplied the trade of the late year, were made up, it being necessary, in the very nature of the case, to manufacture in this business a considerable period in advance of the demand. It is a pleasure to make as favorable a report of a business, so distinguished for its position among the great markets of the United States, and for the ability and energy with which it is prosecuted at Cincinnati.

Table showing the prices of the leading articles of dry goods, at Cincinnati, for two years, at the close of August :

| ARTICLES. | PRICE, PER YARD. | | ARTICLES. | PRICE, PER YARD. | |
|-------------------------------|------------------|---------|---|------------------|----------|
| | 1879 | 1878 | | 1879 | 1878 |
| Standard brown sheetings..... | 7½ @ 8½c | 7 @ 7½c | ¾ domestic flannels, cotton and wool..... | 12 @ 20c | 12 @ 15c |
| Medium " " | 6 @ 6½ | 5½ @ 6 | ¾ plaid wool flannels..... | 25 @ 30 | 22 @ 30 |
| 10-4 " " | 22 @ 25 | 20 @ 24 | 4-4 " " linsey..... | 33 @ 37 | 30 @ 35 |
| 4-4 bleached shirtings..... | 7 @ 12 | 5½ @ 11 | ¾ " " cotton..... | 12½ @ 20 | 12½ @ 18 |
| 7 " " | 5½ @ 8 | 5 @ 8 | ¾ " " domestic gingshams.. | 8 @ 10 | 7½ @ 10 |
| 10-4 " " | 27½ @ 35 | 22 @ 27 | Standard prints..... | 6½ @ 7 | 6 @ 7 |
| Standard brown drills..... | 8½ | 8 | Standard " " domestic gingshams.. | 9 @ 10 | 9 @ 10 |
| Colored corset drills..... | 7 @ 9 | 6½ @ 9 | ¾ alpacas..... | 12½ @ 18 | 13½ @ 18 |
| Paper cambrics..... | 6 @ 7 | 5½ | Standard wool jeans..... | 30 @ 32½ | 28 @ 33 |
| Canton flannels..... | 6 @ 17 | 5½ @ 14 | Standard " " doeskin "..... | 37½ @ 40 | 37½ @ 40 |
| " " standard grade..... | 10 | 9½ | Cotton mixed "..... | 12½ @ 25 | 10 @ 20 |
| ¾ all wool flannels..... | 22½ @ 33 | 22 @ 32 | | | |

Table showing the annual receipts and shipments of general merchandise, during a period of twenty-nine years :

| YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | |
|--------------|-----------|--------|------------|--------|--------------|-----------|--------|------------|--------|
| | Packages. | Tons. | Packages. | Tons. | | Packages. | Tons. | Packages. | Tons. |
| 1850-51..... | 175,938 | 3,370 | 349,189 | 10,350 | 1865-66..... | 1,099,000 | 34,553 | 1,791,000 | 5,991 |
| 1851-52..... | 458,703 | 1,958 | 656,791 | 11,241 | 1866-67..... | 1,147,000 | 16,070 | 1,585,000 | 7,845 |
| 1852-53..... | 538,056 | 1,102 | 1,037,475 | 6,114 | 1867-68..... | 1,178,000 | 9,860 | 1,436,000 | 6,397 |
| 1853-54..... | 846,190 | 504 | 1,298,530 | 12,444 | 1868-69..... | 1,207,000 | 9,998 | 1,191,000 | 10,559 |
| 1854-55..... | 833,915 | 2,323 | 811,625 | 8,446 | 1869-70..... | 1,203,000 | 16,224 | 1,181,000 | 18,274 |
| 1855-56..... | 786,040 | 2,429 | 1,132,694 | 9,459 | 1870-71..... | 1,157,000 | 18,142 | 1,187,500 | 19,527 |
| 1856-57..... | 810,091 | 2,012 | 1,376,525 | 5,736 | 1871-72..... | 1,308,000 | 29,942 | 1,268,000 | 9,396 |
| 1857-58..... | 969,595 | 3,411 | 1,381,990 | 6,844 | 1872-73..... | 1,314,000 | 1,415 | 1,227,000 | 6,425 |
| 1858-59..... | 944,860 | 4,181 | 1,547,905 | 11,691 | 1873-74..... | 1,250,000 | 8,565 | 1,257,000 | 5,305 |
| 1859-60..... | 1,153,910 | 4,404 | 1,702,220 | 17,957 | 1874-75..... | 1,270,000 | 4,220 | 1,291,500 | 3,255 |
| 1860-61..... | 978,000 | 5,020 | 1,558,700 | 10,420 | 1875-76..... | 1,532,120 | 790 | 1,462,632 | 4,535 |
| 1861-62..... | 1,669,000 | 10,574 | 1,817,800 | 11,264 | 1876-77..... | 1,268,410 | 337 | 1,486,331 | 4,235 |
| 1862-63..... | 1,101,800 | 18,484 | 1,961,850 | 9,172 | 1877-78..... | 1,223,226 | 2,340 | 1,448,009 | 7,263 |
| 1863-64..... | 1,318,005 | 27,499 | 2,197,975 | 16,583 | 1878-79..... | 1,142,192 | 11,470 | 1,192,615 | 13,045 |
| 1864-65..... | 916,100 | 48,568 | 2,005,900 | 8,000 | | | | | |

BAGGING.

The receipts of bagging for the year have been 36,372 pieces, and the exports 45,561 pieces. The decrease in this business has been quite large, and arose from various causes. The chief of these was the diminished production of some, and entire stoppage of others of the mills tributary to this market. In additions to this, the epidemic prevailing at Memphis and other points, both this season and last, have diverted a portion of the trade to other distributing markets. The business has also been hampered by imperfect facilities for transportation South, which the completion of the Southern Railway is expected to remedy during the coming season. There are also indications that this branch of manufacture will share with others in the general revival of business. Prices declined, with some fluctuations, until July, since when they have somewhat improved, but the average for the year has been about the lowest on record.

EGGS.

The business in eggs during the past year, except as to price, has not differed materially from the previous year, save that, encouraged by the extraordinarily low prices in the summer of 1878, unusual quantities were preserved here in various ways, which found an active market during the winter. These eggs, largely preserved in icehouses, cost from 5@10 cents per dozen, mainly sold in the winter from 15 to 40 cents, thus bringing a handsome return to the packers. The old stock was almost completely closed out at good prices. This encouraged packing in interior cities to an unusual extent, and has somewhat affected the receipts at this city, though not seriously. The aggregate receipts by public conveyances were 106,786 packages, in comparison with 110,480 in 1877-78, and 81,426 in 1876-77. The receipts, ten years ago, were 25,128 packages, but in making comparison with that and earlier periods of the trade here, allowance should be made for the steady reduction which has been taking place, for a number of years, in the average size of the packages, which now mainly contain thirty dozens. Years ago they came in very irregular packages, large quantities coming in barrels, each holding about 70 dozens. In these figures, as to receipts, no allowance is made for the eggs which are brought in wagons. It is not possible to arrive at this quantity, but good authority places the number so received as high as the receipts by river, railroad and canal. There was a good demand early in the spring for shipment East, but the whole number going out was below the previous year, having been 16,770 packages, mostly barrels, compared with 22,818 in 1877-78. Our shipments to the far South, which years ago were large, have almost ceased, the people of that section producing enough for their own consumption, and perhaps having some to spare. Prices in the first few months of the commercial year were about the same with the previous year, but were much higher in midwinter, ranging in January and early in February at 23 to 40 cents per dozen, in exceptional cases selling even higher than the outside quotation. Prices throughout the remainder of the winter and spring steadily receded, but at no time reached the extremely low prices of the previous year, which was distinguished for the abundance of the supply and the extremely low prices which prevailed, eggs at one time having been down to 5 cents per dozen. The average quotation for eggs, shipper's count, in the year was 14.42 cents per dozen, compared with 12.57 in 1877-78, 16.6 in 1876-77 and 1875-76, 20.19 in 1874-75, and 17.3 in 1873-74.

Table showing the price of eggs, per dozen (shipper's count), on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 13c | 12½@13c | 16c | March 4..... | 15c | 10½c | 11 @11½ |
| 10..... | 12 @11½ | 13½@14 | 17@18 | 11..... | 13 @14 | 10 | 12½@13 |
| 17..... | 13½@14 | 13½@14 | 16 | 18..... | 13 @13½ | 8 @ 8½ | 12 |
| 24..... | 15 | *15 | 16 | 25..... | 10 @10½ | 8 @ 8½ | 12 @12½ |
| October 1..... | 14½@15 | *14 @15 | 17 | April 1..... | 10½ | ..... | 12 @12½ |
| 8..... | †..... | *15 | †..... | 8..... | 10½@11 | 8 | 12½@13 |
| 15..... | 15 | *15 @16 | 18 | 15..... | 10 | 8½ @ 9 | 12 |
| 22..... | 15 | *16 | 18 | 22..... | 9½ @ 9½ | 9 @ 9½ | 10 |
| 29..... | 14½@15 | *18 @19 | 22 | 29..... | 9 @ 9½ | 9½@10 | 10 |
| November 5..... | 16 | *21 @22 | †..... | May 6..... | 9 @ 9½ | 9½ @ 9½ | 11 |
| 12..... | 18 @20 | *21 @22 | 23 | 13..... | 10½ | 9 | 10½@11 |
| 19..... | 20 | *18 @20 | 22 | 20..... | 10 | 9 | 11 |
| 26..... | 21 @22 | *19 @20 | 24 | 27..... | 9½@10 | 9 @ 9½ | 12½@13 |
| December 3..... | 19 @20 | *21 @22 | 25 | June 3..... | 10½@11 | 10 @10½ | 10 @10½ |
| 10..... | 19 @20 | *20 | 25 | 10..... | 13 | 10 @10½ | 11 |
| 17..... | 18 @19 | *19 @20 | 25@26 | 17..... | 9 | 10½ | 12 |
| 24..... | ..... | †..... | 30 | 24..... | 10 | 10 | 12 |
| January 31..... | 23 | †..... | 33@35 | July 1..... | 10 | 8 | 10½@11 |
| 7..... | 25 | 18 | 30@32 | 8..... | 9 | 7 | *10 @11 |
| 14..... | 28 @30 | 12 @14 | 33 | 15..... | 8 @ 8½ | 7½ @ 6 | *10 @11 |
| 21..... | 27 | 10 @11 | 35@36 | 22..... | 8 | 5 @ 6 | *10 @11 |
| 28..... | 28 @30 | 12 @12½ | 35@36 | 29..... | 8 @ 8½ | 7 | 9 |
| February 4..... | 30 @32 | 15 | 18@19 | August 5..... | 9 @10 | 10 @10½ | *8 @ 9 |
| 11..... | 12 @14 | 12 @12½ | 16 | 12..... | 9½@10 | 10 @11 | *9 |
| 18..... | 16 | 12½ | 13 | 19..... | 10½@11 | 10 | *12 |
| 25..... | 10½@11 | 11½@12 | 12 | 26..... | 12 | 10½@11½ | *13 |

* Canded.

† No session of Chamber.

Table showing the receipts and shipments of eggs, at Cincinnati, in thirty-four years:

| YEARS. | Receipts. bxs & bbls. | Shipm'ts. bxs & bbls. | YEARS. | Receipts. bxs & bbls. | Shipm'ts. bxs & bbls. | YEARS. | Receipts. bxs & bbls. | Shipm'ts. bxs & bbls. |
|--------------|--------------------------|--------------------------|--------------|--------------------------|--------------------------|--------------|--------------------------|--------------------------|
| 1845-46..... | 2,400 | 4,787 | 1856-57..... | 18,079 | 10,438 | 1868-69..... | 25,128 | 7,838 |
| 1846-47..... | 2,561 | 10,398 | 1857-58..... | 28,647 | 15,384 | 1869-70..... | 22,946 | 9,286 |
| 1847-48..... | 4,035 | 9,435 | 1858-59..... | 16,740 | 4,060 | 1870-71..... | 27,153 | 7,495 |
| 1848-49..... | 4,504 | 5,229 | 1859-60..... | 22,670 | 8,528 | 1871-72..... | 22,904 | 8,063 |
| 1849-50..... | 2,041 | 4,246 | 1860-61..... | 23,579 | 10,069 | 1872-73..... | 24,189 | 13,232 |
| 1850-51..... | 5,956 | 7,258 | 1861-62..... | 17,643 | 6,203 | 1873-74..... | 31,276 | 17,018 |
| 1851-52..... | 10,554 | 9,160 | 1862-63..... | 15,264 | 4,037 | 1874-75..... | 34,863 | 10,133 |
| 1852-53..... | 14,831 | 8,779 | 1863-64..... | 11,471 | 5,222 | 1875-76..... | 62,971 | 15,245 |
| 1853-54..... | 15,608 | 6,424 | 1864-65..... | 22,162 | 8,725 | 1876-77..... | 81,426 | 19,557 |
| 1854-55..... | 12,104 | 5,014 | 1865-66..... | 21,501 | 6,498 | 1877-78..... | 110,480 | 22,818 |
| 1855-56..... | 11,997 | 8,603 | 1866-67..... | 19,036 | 17,145 | 1878-79..... | 106,786 | 16,770 |
| | | | 1867-68..... | 19,190 | 5,310 | | | |

FEATHERS.

The market for feathers, throughout the first half of the past commercial year, was a dragging one. Though the receipts by public conveyances were less than in the preceding year, the market for prime feathers steadily declined from 40 cents per pound, at which they were quoted in September, to 35@36 cents in midwinter. Early in the calendar year there were signs of improvement, and an advance set in, which continued to the close of the commercial year, when feathers were quotable at 43 cents. The year was exceptionable, in that a material advance took place in the summer. There was a good inquiry during the last four months of the year. Orders were coming in freely at the close, and the market closed firm at the quotation. The average quotation for the year was 39.7 cents per pound, the lowest since 1861-62, when the average was down to 32.1. The average quotation was 40.4 cents in 1877-78, 45.6 in 1876-77, 51.8 in

1875-76, 49 in 1874-75, 57.5 in 1873-74, and 66.6 in 1872-73. The aggregate receipts by public conveyances, for the year, were 9,789 sacks, compared with 12,006 in 1877-78, and the shipments 9,993, in comparison with 11,624.

Table showing the annual movement of feathers, at Cincinnati, for thirty-four years:

| DATES. | Receipts, sacks. | Shipments, sacks. | DATES. | Receipts, sacks. | Shipments, sacks. | DATES. | Receipts, sacks. | Shipments, sacks. |
|--------------|---------------------|----------------------|--------------|---------------------|----------------------|--------------|---------------------|----------------------|
| 1845-46..... | 3,514 | 3,029 | 1856-57..... | 4,592 | 4,730 | 1868-69..... | 7,774 | 5,966 |
| 1846-47..... | 2,767 | 4,000 | 1857-58..... | 3,871 | 3,558 | 1869-70..... | 9,627 | 9,337 |
| 1847-48..... | 4,467 | 3,736 | 1858-59..... | 4,064 | 6,221 | 1870-71..... | 8,577 | 8,579 |
| 1848-49..... | 4,908 | 3,824 | 1859-60..... | 5,655 | 6,824 | 1871-72..... | 9,251 | 11,399 |
| 1849-50..... | 3,432 | 5,380 | 1860-61..... | 5,374 | 5,746 | 1872-73..... | 9,687 | 11,141 |
| 1850-51..... | 2,858 | 4,093 | 1861-62..... | 6,496 | 7,374 | 1873-74..... | 9,793 | 10,759 |
| 1851-52..... | 6,716 | 7,876 | 1862-63..... | 5,679 | 7,761 | 1874-75..... | 8,306 | 8,652 |
| 1852-53..... | 10,539 | 9,510 | 1863-64..... | 8,019 | 7,916 | 1875-76..... | 10,370 | 11,086 |
| 1853-54..... | 8,631 | 9,594 | 1864-65..... | 6,968 | 4,974 | 1876-77..... | 10,052 | 10,351 |
| 1854-55..... | 7,202 | 7,319 | 1865-66..... | 10,313 | 8,802 | 1877-78..... | 12,006 | 11,624 |
| 1855-56..... | 5,551 | 5,097 | 1866-67..... | 10,621 | 5,579 | 1878-79..... | 9,789 | 9,993 |
| | | | 1867-68..... | 7,631 | 4,213 | | | |

NOTE.—The above figures show the feathers brought in by river, railroads and canal, but do not embrace the movement in wagons.

Table showing the price of prime feathers, at Cincinnati, on Tuesday of each week, in five years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 |
|----------------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|---------|
| September 3... | 40c | 43c | 51c | 53c | 55c | March 4... | 38c | 40c | 45c | 52c | 48c |
| 10... | 40 | 43 | 51 | 53 | 53 | 11... | 38 | 40 | 45 | 51 | 48 |
| 17... | 40 | 43 | 51 | 54 | 50 | 18... | 38 | 40 | 45 | 51 | 48 |
| 24... | 40 | 43 | 51 | 54 | 50 | 25... | 38 | 40 | 45 | 51 | 48 |
| October 1... | 41 | 43 | 51 | 54 | 50 | April 1... | 38 | 40 | 44 | 51 | 48 |
| 8... | 41 | 43 | 50 | 54 | 50 | 8... | 39 | 40 | 43 | 51 | 48 |
| 15... | 41 | 42 | 50 | 54 | 50 | 15... | 39 | 40 | 43 | 51 | 48 |
| 22... | 41 | 40 | 50 | 54 | 50 | 22... | 40 | 40 | 43 | 51 | 48 |
| 29... | 41 | 40 | 50 | 54 | 50 | 29... | 40 | 40 | 43 | 51 | 48 |
| November 5... | 41 | 40 | 50 | 54 | 50 | May 6... | 40 | 40 | 43 | 51 | 48 |
| 12... | 41 | 40 | 50 | 54 | 50 | 13... | 41 | 40 | 43 | 51 | 50 |
| 19... | 41 | 40 | 50 | 54 | 48 | 20... | 41 | 40 | 43 | 51 | 50 |
| 26... | 40 | 40 | 49 | 54 | 48 | 27... | 41 | 40 | 43 | 51 | 50 |
| December 3... | 38 | 40 | 48 | 53 | 48 | June 3... | 41 | 40 | 43 | 51 | 50 |
| 10... | 38 | 40 | 47 | 53 | 45 | 10... | 42 | 40 | 43 | 51 | 50 |
| 17... | 37 | 40 | 45 | 52 | 45 | 17... | 42 | 40 | 43 | 51 | 50 |
| 24... | 36 | 40 | 45 | 52 | 45 | 24... | 42 | 40 | 43 | 51 | 50 |
| 31... | 36 | 40 | 45 | 52 | 45 | July 1... | 42 | 40 | 43 | 51 | 50 |
| January 7... | 36 | 40 | 45 | 52 | 45 | 8... | 42 | 40 | 43 | 50 | 50 |
| 14... | 36 | 40 | 45 | 52 | 45 | 15... | 42 | 40 | 43 | 50 | 50 |
| 21... | 38 | 40 | 45 | 52 | 47 | 22... | 42 | 40 | 43 | 50 | 50 |
| 28... | 37 | 40 | 45 | 52 | 47 | 29... | 42 | 40 | 43 | 50 | 52 |
| February 4... | 38 | 40 | 45 | 52 | 47 | August 5... | 42 | 40 | 43 | 50 | 52 |
| 11... | 38 | 40 | 45 | 52 | 47 | 12... | 42 | 40 | 43 | 50 | 52 |
| 18... | 38 | 40 | 45 | 52 | 47 | 19... | 42 | 40 | 43 | 50 | 52 |
| 25... | 38 | 40 | 45 | 52 | 48 | 26... | 43 | 40 | 43 | 50 | 52 |

FLOUR.

The business in flour, at Cincinnati, has shown some increase during the past year, though it has not been marked. The total receipts were 613,914 barrels, in comparison with 606,667 in the previous year. The shipments aggregated 398,653 barrels, compared with 383,954. The net receipts are slightly below the previous year, having been 215,261 barrels in 1878-79, compared with 222,713 in 1877-78. This seems to indicate diminished consumption, but this difference probably finds explanation in smaller stocks at the close

of the past year. The stocks here on the first day of June, 1879, aggregated 17,985 barrels, in comparison with 19,869 in the previous year. The quantity of low grades in the market has been less than usual. At times they have been scarce, so that they have commanded at such periods from 15 to 25 cents per barrel above their ordinary relation. The market with other grades has been well supplied. The increase in the consumption of the better grades of flour, which has been noticed in these reports for a number of years, continues to manifest itself. This is specially the case with flour known as "patents," which is rapidly increasing in production, the price generally ruling above the old Family \$1 25@1 50 per barrel. The mills in this city have very generally introduced the new machinery, and country mills, too, are finding it to their interest to adopt the new method, which is alike economical and popular. The business done with other cities has been about the same with the previous year. Baltimore, New York and Boston have taken our flour to some extent, under the stimulation of cheap freights, which at times were as low as 25@30 per barrel to New York. This business, however, has been less than it otherwise would have been, because of the shortness in the supply of the low grades, which make up the main business with the eastern cities. The quantity shipped to Europe on through bills of lading has been about the same with the preceding year. The quality of the winter flour in 1878 was excellent, and that of 1879, as far as the same has come in, has been exceptionally fine. This, however, is traceable to the best of reasons, which is the singularly good wheat with which the millers have been supplied. Prices throughout the year have been free from sudden fluctuations. There has been little tendency to speculation, though the approach of the new year, with the prospects of a heavy demand for breadstuffs from Europe, and consequent invitation to disturbance of values, combined with the return of better times generally, materially changed the aspect of the trade in flour as well as other commodities. A notable feature was the very low price in the fall and winter, the decline which was apparent throughout the previous year having continued into the first two months of the new commercial year. During September and October, there was a wide difference in the prices between 1878-79 and 1877-78 for the corresponding period, the price for Extra flour, about the middle of October, 1878, having been \$2 00 per barrel less than at the corresponding period of the preceding year. This would not have been so marked at high prices, but with Extra flour in the past year down to \$3 65@3 85 per barrel, it amounted to a great disparity. Extra, in the first half of December, was quotable as low as \$3 50@3 75, but the difference in price was then not quite so great. After the advent of the new commercial year, there was a slow but steady advance in prices, which continued until the middle of June, when Extra was quotable at \$4 65@5 10 and Family at \$5 25@5 50. Thenceforward, with good harvests approaching, prices declined, the year closing at about the same price which had marked the corresponding period of the previous year. The great disparity in prices, which was apparent in the early part of the year, was largely neutralized in the general average, by the steadily improving prices during much of the past year (the reverse of the previous year), the general average quotations for Family flour having been \$4 78.2, in comparison with \$5 91 in the previous year. It should be remarked, however, that owing to the outside quotations for Family flour having been for that manufactured by the patent process in parts of both years, these figures are relatively too high, compared with preceding years. Making due allowance for this, the average quotation for the past two years for the equivalent grade of 1876-77 and preceding years would be \$4 60 in 1878-79, in comparison with \$5 39 in 1877-78, so that the average quotation for the past year would be 79 cents less than 1877-78. The average quotation for Extra flour was \$4 07.3 in 1878-79, in comparison with \$4 85.8 in 1877-78, showing a reduction of 78.5. Spring flour has been here in about the usual quantities, though the unusually good quality of the winter wheat flour, in the past two years, and the more general introduction of new machinery in the mills making the same, have to some extent supplied a demand which was previously met by spring wheat flour. Still there is a demand for the spring flour which will not be satisfied with anything else. It has qualities that do not pertain to winter wheat flour, which the bakers especially find desirable to subordinate to their purposes. The average quotations for spring Family flour was \$4 69.2 per barrel,

in comparison with \$5 45.6, showing a reduction in the general average of 76.4 cents. The closeness with which the averages of the leading grades of the better classes of flour have kept their relation, compared with the previous year, is a noticeable feature. The relatively higher prices for the low grades are equally shown from the reduction in the average for Superfine flour, having been but 60.9 cents per barrel, the average price for the past year having been \$3 30, compared with \$3 90.9 in the previous year.

Statement showing the stocks of flour, at Cincinnati, June 1st, for five years:

| | Wheat. | Rye. | Total. |
|-----------|--------|-------|--------|
| 1879..... | 17,198 | 787 | 17,985 |
| 1878..... | 18,804 | 1,065 | 19,869 |
| 1877..... | 14,287 | 1,516 | 15,803 |
| 1876..... | 27,862 | 1,297 | 29,159 |
| 1875..... | 42,393 | 1,462 | 43,855 |

Table showing the quotations for Winter "Family," "Extra," and "Superfine," and Spring "Family" flour, at Cincinnati, on Tuesday of each week, in two years:

| DATES. | FAMILY. | | EXTRA. | | SUPERFINE. | | SPRING FAMILY. | |
|------------------|-------------|-------------|-----------|-------------|-------------|-------------|----------------|-------------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 3..... | \$4 25@5 50 | \$5 50@5 60 | 3 75@4 10 | \$4 85@5 10 | \$3 00@3 35 | \$3 75@4 25 | \$5 00@5 75 | \$5 50@6 25 |
| 10..... | 4 25@5 50 | 5 80@6 00 | 3 75@4 10 | 5 20@5 60 | 3 00@3 35 | 3 75@4 25 | 5 00@5 75 | 5 50@6 50 |
| 17..... | 4 15@5 50 | 5 00@6 15 | 3 75@3 90 | 5 30@5 75 | 2 75@3 00 | 4 25@4 75 | 5 00@5 75 | 5 75@6 65 |
| 24..... | 4 15@5 50 | 5 25@6 40 | 3 75@3 90 | 5 50@5 80 | 2 75@3 00 | 4 50@5 00 | 5 00@5 75 | 5 75@6 75 |
| October 1..... | 4 15@5 50 | 5 10@6 40 | 3 75@3 90 | 5 50@5 85 | 2 75@3 00 | 4 50@5 00 | 5 00@5 75 | 5 75@6 75 |
| 8..... | 4 15@5 50 | 5 25@6 40 | 3 75@3 90 | 5 50@5 85 | 2 75@3 00 | 4 50@5 00 | 5 00@5 75 | 5 75@6 75 |
| 15..... | 4 15@5 50 | 5 00@6 20 | 3 65@3 85 | 5 65@5 85 | 2 75@3 00 | 4 50@5 00 | 5 00@5 75 | 5 75@6 65 |
| 22..... | 4 00@5 50 | 5 60@6 15 | 3 65@3 85 | 5 65@5 85 | 2 75@3 00 | 4 50@5 00 | 5 00@5 75 | 5 75@6 50 |
| 29..... | 4 00@5 50 | 5 90@6 10 | 3 65@3 85 | 5 40@5 65 | 2 75@3 00 | 4 50@5 00 | 5 00@5 75 | 5 75@6 50 |
| November 5..... | 4 05@5 50 | 5 75@6 00 | 3 65@3 85 | 5 30@5 50 | 2 75@3 00 | 4 35@4 75 | 5 00@5 75 | 5 75@6 25 |
| 12..... | 4 05@5 50 | 5 85@6 85 | 3 50@3 85 | 5 30@5 50 | 2 75@3 00 | 4 35@4 75 | 5 25@6 75 | 5 45@6 00 |
| 19..... | 4 00@5 50 | 5 65@6 85 | 3 50@3 85 | 5 25@5 50 | 2 75@3 00 | 4 35@4 75 | 5 25@6 75 | 5 25@6 00 |
| 26..... | 4 00@5 50 | 5 75@6 90 | 3 50@3 85 | 5 25@5 50 | 2 75@3 00 | 4 35@4 75 | 5 25@6 75 | 5 25@6 00 |
| December 3..... | 4 10@5 50 | 5 75@6 90 | 3 50@3 85 | 5 25@5 50 | 2 75@3 00 | 4 35@4 75 | 5 25@6 75 | 5 25@6 00 |
| 10..... | 4 10@5 50 | 5 70@6 90 | 3 50@3 85 | 5 25@5 50 | 2 75@3 00 | 4 35@4 75 | 5 25@6 75 | 5 25@6 00 |
| 17..... | 4 10@5 25 | 5 60@6 75 | 3 50@3 85 | 5 10@5 40 | 2 75@3 00 | 4 25@4 50 | 5 25@6 75 | 5 25@6 00 |
| 24..... | 4 15@5 25 | 5 60@6 75 | 3 50@3 85 | 5 10@5 40 | 2 75@3 00 | 4 25@4 50 | 5 25@6 75 | 5 25@6 00 |
| 31..... | 4 15@5 25 | 5 60@6 75 | 3 50@3 85 | 5 10@5 40 | 2 75@3 00 | 4 25@4 50 | 5 25@6 75 | 5 25@6 00 |
| January 7..... | 4 20@5 50 | 5 80@6 00 | 3 50@3 85 | 5 25@5 50 | 2 75@3 00 | 4 25@4 50 | 5 25@6 75 | 5 25@6 00 |
| 14..... | 4 25@4 85 | 5 50@5 75 | 3 75@4 20 | 5 25@5 50 | 2 90@4 40 | 4 00@4 50 | 5 25@6 75 | 5 25@6 00 |
| 21..... | 4 25@4 85 | 5 50@5 75 | 3 75@4 20 | 5 25@5 50 | 2 90@4 40 | 4 00@4 50 | 5 25@6 75 | 5 25@6 00 |
| February 4..... | 4 25@4 75 | 5 35@6 00 | 3 65@4 10 | 5 20@5 25 | 2 85@3 35 | 3 75@4 25 | 5 00@5 75 | 5 00@5 75 |
| 11..... | 4 25@4 75 | 5 35@6 00 | 3 65@4 10 | 5 20@5 25 | 2 85@3 35 | 3 75@4 25 | 5 00@5 75 | 5 00@5 75 |
| 18..... | 4 15@4 60 | 5 15@5 75 | 3 60@4 00 | 4 75@5 09 | 2 85@3 35 | 3 75@4 25 | 5 00@5 75 | 5 00@5 75 |
| 25..... | 4 35@4 65 | 5 40@6 75 | 3 70@4 10 | 4 75@5 15 | 2 90@3 35 | 3 60@3 85 | 5 00@5 75 | 5 00@5 75 |
| March 4..... | 4 40@4 65 | 5 25@6 75 | 3 75@4 25 | 4 75@5 15 | 2 90@3 35 | 3 60@3 85 | 5 00@5 75 | 5 00@5 75 |
| 11..... | 4 40@4 75 | 5 15@6 75 | 3 75@4 25 | 4 75@5 15 | 3 00@3 50 | 3 50@3 85 | 5 00@5 75 | 5 00@5 75 |
| 18..... | 4 60@4 85 | 5 00@6 75 | 3 85@4 30 | 4 50@4 90 | 3 25@3 75 | 3 50@3 85 | 5 00@5 75 | 5 00@5 75 |
| 25..... | 4 50@4 80 | 5 00@6 75 | 4 00@4 35 | 4 35@4 65 | 3 25@3 75 | 3 40@3 65 | 5 00@5 75 | 5 00@5 75 |
| April 1..... | 4 50@4 80 | 5 40@6 50 | 4 00@4 35 | 4 35@4 65 | 3 25@3 75 | 3 40@3 65 | 5 00@5 75 | 5 00@5 75 |
| 8..... | 4 60@4 85 | 5 40@6 50 | 4 00@4 35 | 4 65@5 00 | 3 25@3 75 | 3 65@4 00 | 5 00@5 75 | 5 00@5 75 |
| 15..... | 4 60@4 80 | 5 00@6 50 | 4 00@4 35 | 4 50@4 75 | 3 40@3 80 | 3 65@4 00 | 5 00@5 75 | 5 00@5 75 |
| 22..... | 4 60@4 80 | 5 00@6 50 | 4 00@4 35 | 4 50@4 75 | 3 40@3 80 | 3 65@4 00 | 5 00@5 75 | 5 00@5 75 |
| 29..... | 4 50@4 80 | 5 10@6 50 | 4 00@4 35 | 4 60@4 85 | 3 40@3 80 | 3 65@4 00 | 5 00@5 75 | 5 00@5 75 |
| May 6..... | 4 50@4 80 | 5 00@6 25 | 4 00@4 35 | 4 50@4 85 | 3 40@3 80 | 3 65@4 00 | 5 00@5 75 | 5 00@5 75 |
| 13..... | 4 75@5 15 | 5 20@6 25 | 4 40@4 75 | 4 50@4 85 | 3 77@4 10 | 3 85@4 25 | 5 00@5 75 | 5 00@5 75 |
| 20..... | 5 10@5 35 | 5 00@6 25 | 4 65@4 90 | 4 50@4 75 | 3 85@4 25 | 3 85@4 25 | 5 00@5 75 | 5 00@5 75 |
| June 27..... | 5 10@5 35 | 4 90@6 25 | 4 65@4 90 | 4 50@4 75 | 3 75@4 25 | 3 75@4 25 | 5 00@5 75 | 5 00@5 75 |
| 3..... | 5 15@5 40 | 4 75@6 25 | 4 65@4 90 | 4 40@4 75 | 3 75@4 25 | 3 75@4 25 | 5 00@5 75 | 5 00@5 75 |
| 10..... | 5 25@5 40 | 4 50@6 25 | 4 65@4 90 | 4 15@4 35 | 3 75@4 25 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| 17..... | 5 10@5 40 | 4 50@6 25 | 4 60@4 90 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| July 24..... | 5 00@5 25 | 4 25@6 00 | 4 50@4 80 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| August 31..... | 4 75@5 25 | 4 25@6 00 | 4 25@6 00 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| 7..... | 4 75@5 15 | 4 25@6 00 | 4 25@6 00 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| 14..... | 4 60@5 10 | 4 25@6 00 | 4 00@4 40 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| 21..... | 4 60@5 10 | 4 25@6 00 | 4 00@4 40 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| 28..... | 4 60@5 10 | 4 25@6 00 | 4 00@4 40 | 4 15@4 35 | 3 65@4 20 | 3 25@3 50 | 5 00@5 75 | 5 00@5 75 |
| September 4..... | 4 50@5 00 | 4 30@6 50 | 4 00@4 35 | 4 00@4 35 | 3 00@3 35 | 3 00@3 35 | 5 00@5 75 | 5 00@5 75 |
| 11..... | 4 50@5 00 | 4 30@6 50 | 4 00@4 35 | 4 00@4 35 | 3 00@3 35 | 3 00@3 35 | 5 00@5 75 | 5 00@5 75 |
| 18..... | 4 50@5 00 | 4 30@6 50 | 4 00@4 35 | 4 00@4 35 | 3 00@3 35 | 3 00@3 35 | 5 00@5 75 | 5 00@5 75 |
| 25..... | 4 50@5 00 | 4 30@6 50 | 4 00@4 35 | 4 00@4 35 | 3 00@3 35 | 3 00@3 35 | 5 00@5 75 | 5 00@5 75 |

*No session of the Chamber.

†The outside quotations, from January 21, 1878, to January 7, 1879, represents Family flour manufactured by the patent process, which generally ranges from \$1 00@1 25 per barrel higher than the flour previously quoted as the outside price for this grade.

Table showing the average annual prices of "Superfine" flour, at Cincinnati, for twenty-three years:

| | | | | | | | |
|--------------|--------|--------------|--------|--------------|----------|--------------|----------|
| 1856-57..... | \$5 77 | 1862-63..... | \$5 03 | 1868-69..... | \$5 08.5 | 1874-75..... | \$4 41.7 |
| 1857-58..... | 4 00 | 1863-64..... | 6 39 | 1869-70..... | 4 62 | 1875-76..... | 3 90 |
| 1858-59..... | 5 33 | 1864-65..... | 7 67 | 1870-71..... | 5 00 | 1876-77..... | 5 47 |
| 1859-60..... | 4 60 | 1865-66..... | 7 32 | 1871-72..... | 6 06 | 1877-78..... | 3 90.9 |
| 1860-61..... | 4 45 | 1866-67..... | 9 45 | 1872-73..... | 5 56.5 | 1878-79..... | 3 30 |
| 1861-62..... | 4 08 | 1867-68..... | 9 18 | 1873-74..... | 5 06.2 | | |

*The quality of the grade known as "Superfine" flour having more or less declined during the past twenty-years, some allowance must be made for this change in making use of these figures, for comparative purposes.

Table showing the average prices, at Cincinnati, for Winter "Family" and "Extra" flour for eight years, and of Spring "Family" during four years:

| KINDS. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 | 1872-73 | 1871-72 |
|--------------------|----------|---------|---------|----------|---------|----------|----------|----------|
| Family..... | \$4 78.2 | \$5 71 | \$6 95 | \$5 52.3 | \$5 43 | \$6 60.4 | \$7 46.8 | \$7 37.2 |
| Extra..... | 4 07.3 | 4 85.8 | 6 38.8 | 4 65.6 | 5 18.3 | 6 25.5 | 7 15 | 7 14.6 |
| Spring Family..... | 4 69.2 | 5 45.6 | 6 96 | 5 62.3 | | | | |

*These averages, on account of embracing the quotations of Family flour manufactured by the patent process, are relatively, in 1878-79, about 18.2 cents and in 1877-78, 32 cents per barrel above the average for flour of a similar grade in previous years, so that the averages, to compare with previous years, should be, in 1878-79, \$4 60, and in 1877-78 \$5 39.

Table showing the weekly receipts and shipments of flour, at Cincinnati, for two years:

| DATES. | | IMPORTS. | | EXPORTS. | | DATES. | | IMPORTS. | | EXPORTS. | |
|-----------|-------|----------|---------|----------|---------|--------|-------|----------|---------|----------|---------|
| | | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | | 1878-79 | 1877-78 | 1878 79 | 1877-78 |
| September | 7... | 17,843 | 15,512 | 10,566 | 10,690 | March | 8... | 10,606 | 6,302 | 7,560 | 4,706 |
| | 14... | 15,362 | 18,219 | 11,412 | 12,301 | | 15... | 10,636 | 8,315 | 5,134 | 6,222 |
| | 21... | 16,495 | 20,333 | 11,285 | 10,602 | | 22... | 6,545 | 6,264 | 5,029 | 4,634 |
| | 28... | 20,946 | 16,354 | 15,426 | 12,691 | | 29... | 7,115 | 9,143 | 4,447 | 6,193 |
| October | 5... | 17,961 | 20,469 | 12,551 | 14,553 | April | 5... | 10,284 | 9,704 | 6,580 | 6,453 |
| | 12... | 16,708 | 21,112 | 11,900 | 11,864 | | 12... | 11,722 | 6,905 | 6,618 | 3,683 |
| | 19... | 16,217 | 21,345 | 8,858 | 14,248 | | 19... | 8,349 | 8,014 | 5,696 | 4,592 |
| | 26... | 15,350 | 19,384 | 10,983 | 12,464 | | 26... | 8,871 | 6,695 | 4,644 | 5,013 |
| November | 2... | 14,749 | 17,801 | 7,230 | 8,845 | May | 3... | 8,216 | 8,306 | 4,998 | 3,950 |
| | 9... | 17,188 | 14,467 | 9,705 | 9,206 | | 10... | 8,304 | 10,673 | 4,592 | 8,451 |
| | 16... | 14,933 | 15,208 | 7,219 | 7,207 | | 17... | 8,918 | 8,947 | 6,276 | 4,893 |
| | 23... | 15,849 | 8,097 | 12,438 | 11,291 | | 24... | 8,255 | 11,416 | 5,864 | 6,096 |
| | 30... | 21,770 | 10,785 | 11,235 | 7,674 | | 31... | 6,325 | 7,289 | 3,258 | 3,911 |
| December | 7... | 16,867 | 13,516 | 13,731 | 9,204 | June | 7... | 4,236 | 9,600 | 3,254 | 7,672 |
| | 14... | 12,566 | 15,895 | 9,887 | 10,620 | | 14... | 4,839 | 7,948 | 2,685 | 3,464 |
| | 21... | 14,424 | 16,517 | 9,011 | 9,444 | | 21... | 6,286 | 7,488 | 2,933 | 3,558 |
| | 28... | 8,620 | 11,322 | 5,681 | 8,728 | | 28... | 7,774 | 6,366 | 2,411 | 3,724 |
| January | 4... | 8,621 | 8,417 | 4,344 | 6,186 | July | 5... | 5,174 | 6,925 | 1,908 | 4,283 |
| | 11... | 6,465 | 12,494 | 2,852 | 5,300 | | 12... | 6,518 | 6,732 | 1,979 | 3,779 |
| | 18... | 10,767 | 9,946 | 4,866 | 4,147 | | 19... | 9,262 | 7,431 | 6,176 | 6,426 |
| | 25... | 10,334 | 9,499 | 4,922 | 3,612 | | 26... | 10,334 | 10,343 | 7,423 | 8,484 |
| February | 1... | 12,707 | 9,841 | 7,511 | 6,888 | August | 2... | 13,852 | 14,174 | 10,628 | 9,295 |
| | 8... | 10,266 | 8,948 | 7,889 | 4,751 | | 9... | 12,380 | 10,729 | 11,009 | 9,070 |
| | 15... | 12,161 | 6,960 | 7,193 | 3,733 | | 16... | 19,882 | 13,602 | 15,724 | 11,294 |
| | 22... | 6,695 | 9,181 | 5,153 | 3,423 | | 23... | 16,243 | 13,559 | 12,332 | 10,879 |
| March | 1... | 13,067 | 7,958 | 8,844 | 3,083 | | 30... | 17,860 | 14,787 | 13,900 | 10,420 |

Table showing the annual movement of flour, at Cincinnati, in thirty-two years :

| DATES. | Receipts, bbls. | Shipments, bbls. | DATES. | Receipts, bbls. | Shipments, bbls. | DATES. | Receipts, bbls. | Shipments, bbls. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1847-48..... | 151,518 | 201,011 | 1858-59..... | 558,173 | 562,139 | 1869-70..... | 774,344 | 576,677 |
| 1848-49..... | 447,844 | 267,420 | 1859-60..... | 517,229 | 478,308 | 1870-71..... | 705,579 | 538,498 |
| 1849-50..... | 251,259 | 298,908 | 1860-61..... | 490,619 | 428,625 | 1871-72..... | 582,930 | 410,501 |
| 1850-51..... | 482,772 | 390,931 | 1861-62..... | 588,245 | 460,874 | 1872-73..... | 765,469 | 560,829 |
| 1851-52..... | 511,042 | 408,211 | 1862-63..... | 619,710 | 404,870 | 1873-74..... | 774,916 | 551,774 |
| 1852-53..... | 447,089 | 312,841 | 1863-64..... | 546,983 | 393,268 | 1874-75..... | 697,578 | 473,460 |
| 1853-54..... | 429,464 | 382,778 | 1864-65..... | 671,900 | 496,186 | 1875-76..... | 636,504 | 396,217 |
| 1854-55..... | 342,272 | 199,276 | 1865-66..... | 659,046 | 514,450 | 1876-77..... | 540,128 | 296,373 |
| 1855-56..... | 546,727 | 509,061 | 1866-67..... | 577,296 | 412,008 | 1877-78..... | 606,667 | 383,954 |
| 1856-57..... | 485,089 | 416,789 | 1867-68..... | 522,297 | 352,896 | 1878-79..... | 613,914 | 398,653 |
| 1857-58..... | 633,318 | 600,210 | 1868-69..... | 571,280 | 387,083 | | | |

FRUIT.

The business in foreign fruits and kindred articles, during the year, has shown a marked increase. Careful estimates place the aggregate value of sales at fully 25 per cent. above the preceding year, the increase mainly having occurred since May 1st. Profits have been more satisfactory than previously. Merchants have purchased more freely, and the entire situation in this field of our trade is encouraging. Values during the earlier parts of the year were very low, but later there was a stiffening in prices, which ripened at last into a positive advance. The receipts of lemons show a marked increase over the previous year, having been 23,307 boxes, in comparison with 16,655 in 1877-78. The receipts of oranges have been the largest in the history of the city, with the exception of 1877-78, having been 40,486 boxes. Prunes have been here in the usual quantity, with prices about 33 per cent. above the previous year. Raisins have ruled unusually steady, ranging at \$1 75@2 10 per box for ordinary layers, closing at the inside quotation, with the surplus being carried into the new year in the whole country greatly below the usual quantity. In figs the stocks in this country have been exhausted, which is unusual. The business in canned goods has been larger than in the preceding year, though, on account of a want of supplies, it must be considerably smaller in the coming year. The old stocks have been well cleaned out.

In dried fruits the quantity, both received and shipped, was less than the previous year, the aggregate receipts having been 151,665 bushels, in comparison with 200,342 in the preceding year, and the shipments 88,474, compared with 149,970. Prices have been singularly low, peaches especially not having been so low, it is said, in thirty years. In peaches the season opened with large stocks held over from the preceding year, and with a very dull market, good halves selling at 3@3½ cents per pound and quarters at 2¼@2½. As receipts came in, prices declined, until December, when halves, in large lots, sold at 2¾ and quarters at 2. After this there was an improvement in prices, so that in April and May halves sold at 3½@3¾, with few quarters remaining in the market. With the prospect of diminished supplies for the coming year, prices advanced in the summer to 5 cents for halves. The year opened with a large stock of dried apples, both in this city and in the country, held over from the preceding year. Fair Southern apples were about 2 cents per pound, and choice Northern Ohio 3 cents. The market was exceedingly dull for months, and prices steadily growing weaker, had, before the close of winter, gone down to 1½@2½ cents for the qualities named. The spring months came with better prices, especially for choice Northern apples, which had advanced to 3½ cents. As it became more apparent that we were to have a short crop of green fruit, prices further advanced, in mid-summer fair Southern selling at 3½ cents, and choice Northern 4½. The average quotation for dried peaches, halves, for the year, was 3.5 cents per pound, in comparison with 5.8 in 1877-78, 11.9 in 1876-77, 12 in

1875-76, and 8.68 in 1874-75. The average quotation for prime apples was 2.9 cents per pound, compared with 4.5 in 1877-78, 4.5 in 1876-77, and 10.18 in 1875-76. After the extraordinary dullness of the fall and early winter, there was a fair demand for both kinds of fruit at the prices, and at the close, under the stimulation of short crops in many districts of both apples and peaches, and the generally improved business condition, there was a very firm tone to the market. A feature of the year's work has been the receipts over the Cincinnati Southern Railway, which have been sufficiently liberal to attract attention and to promise much larger results after the road shall be opened through to Chattanooga.

The crop of winter apples in 1878 was large, but kept poorly. Our market was fairly supplied with summer apples in 1879, but they were very poor and sold low, generally ranging at 50c. @ \$1.00 per barrel. The winter crop in Southern Ohio is very slender, there not being one-third the usual supply, and such as we have must soon find a market, because they are not keeping well. There is a good crop in Western New York and in some counties of Michigan, but in general, outside of these localities, apples are in short supply. Winter apples have sold here so far at \$1.00 @ 1.50 per barrel. The receipts here by public conveyance for the whole year have been the largest in the history of the city, having been 239,275 barrels, in comparison with 116,832 in the previous year. The average price for the commercial year has been the lowest in many years, the average quotation for choice green apples having been \$1.85 per barrel, compared with \$3.30 in 1877-78, \$2.25.6 in 1876-77, \$3.69.8 in 1875-76, \$2.87.5 in 1874-75, \$3.59 in 1873-74, and \$2.47.8 in 1872-73. The peach crop in 1879, in this vicinity, was a total failure. Our market, however, was fairly supplied from Maryland and Delaware, at about \$1.25 per bushel for good fruit, though most of the fruit arrived in poor condition and was sold below these figures. The crop of pears in the vicinity was an average in yield and a very fine one in quality. Our market was abundantly supplied, the good varieties generally selling at \$1.00 @ 1.50 per bushel in the main part of the season. There were few plums in this vicinity, perhaps not over one-tenth of a crop, the price ranging at \$2.50 @ 3.00 for Damsons, which was about the only variety in the market. Such as we had were of good quality. There was well nigh a total failure of the cherry crop in this vicinity, and our market was poorly supplied. The Early May, which was about all we had, sold from \$1.75 @ 2.50 per bushel. The crop of raspberries was an average one and of good quality. The market was well supplied, but there was an unusual demand from packers here, so that prices were well maintained. Black raspberries sold at \$2.00 per bushel. Red raspberries were also higher than the previous year, choice varieties selling at \$4.00 @ 5.00 per bushel, and the common fruit at about \$3.00. The crop of strawberries was an average in quantity and quality, good varieties generally selling at an average of about \$2.25 per bushel. Our market has been abundantly supplied with grapes of very good quality, though we have drawn mainly on Northern Ohio and West Virginia for our supplies, larger receipts having come from the latter State than ever before. The crop in this vicinity was a very slender one. Catawbas here were almost a total failure, and the crop of Ives' Seedling was not more than one-fourth the usual yield. Delawares have commanded 7 @ 9 cents per pound, Catawbas 5 @ 5½, Concord 3½ @ 4½, and Ives' Seedling about 3 cents.

The business of fruit and vegetable packing at this city, which has now become one of the distinctive industries of the city, has been somewhat interfered with by the failure, in 1879, in this locality, of a number of the leading fruits, and yet the business, during the year presents a large aggregate, and in some departments shows a material increase over the previous year. The peaches packed aggregated only 2,200 cases, yet there is compensation found in packing done at Baltimore by Cincinnati houses, aggregating 28,000 cases. The packing in the remainder of the articles has been as follows: apples, 7,000 cases; pears, 3,800; cherries, 1,200; raspberries, 21,400; strawberries, 3,873; quinces, 1,900; plums, 1,100; tomatoes, 82,500; peas, 7,346; beans, 10,200; corn, 8,000; jellies, 38,631. These cases generally contain two dozen cans or glasses, so it appears that, not embracing the fruit packed in Baltimore by

Cincinnati houses, there have been packed, of fruits and vegetables alone, 4,539,000 cans, etc. The figures given do not embrace fruits put up in liquors, sauces, catsup, pickles, pigs' feet, tongues and meats, which would greatly swell the aggregate results of this important and growing branch of our business.

Table showing the price, at Cincinnati, of lemons and oranges, respectively, per box, on Tuesday of each week, in a period of three years :

| DATES. | LEMONS. | | | ORANGES. | | | DATES. | LEMONS. | | | ORANGES. | | |
|----------------|---------|---------|---------|----------|---------|---------|-------------|---------|---------|---------|----------|---------|---------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| Septemb'r 3... | \$7 50 | \$7 00 | \$8 50 | \$7 00 | \$7 00 | ..... | March 4... | \$3 50 | \$4 50 | \$4 50 | \$3 00 | \$4 00 | \$3 75 |
| 10... | 7 50 | 7 00 | 8 50 | 6 50 | 7 00 | ..... | 11... | 3 80 | 4 50 | 4 50 | 3 00 | 4 50 | 3 75 |
| 17... | 7 50 | 7 00 | 8 50 | 6 00 | 7 00 | ..... | 18... | 3 50 | 4 50 | 4 50 | 3 00 | 5 00 | 3 75 |
| 24... | 7 50 | 7 00 | 8 50 | 5 50 | 7 00 | ..... | 25... | 3 50 | 4 50 | 4 50 | 3 00 | 5 50 | 3 25 |
| October 1... | 7 50 | 7 00 | 8 00 | 5 00 | 7 00 | ..... | April 1... | 4 25 | 5 00 | 4 50 | 4 00 | 5 00 | 5 50 |
| 8... | 7 50 | 7 00 | 8 00 | 4 50 | 7 00 | ..... | 15... | 4 00 | 4 50 | 4 50 | 4 00 | 5 00 | 5 75 |
| 15... | 7 50 | 7 00 | 6 50 | 4 00 | 6 00 | ..... | 22... | 4 00 | 5 00 | 4 75 | 4 00 | 6 00 | 3 50 |
| 22... | 8 00 | 6 00 | 6 00 | 4 00 | 6 00 | \$5 50 | 29... | 4 00 | 5 00 | 4 75 | 4 50 | 6 00 | 3 50 |
| 29... | 7 50 | 4 50 | 6 00 | 4 00 | 7 50 | \$5 50 | May 6... | 3 75 | 6 00 | 4 25 | 4 50 | 6 00 | 3 00 |
| November 5... | 7 00 | 5 50 | 6 00 | 2 75 | 4 00 | \$5 50 | 13... | 4 50 | 6 00 | 5 00 | 5 50 | 6 00 | 4 50 |
| 12... | 7 00 | 5 00 | 6 00 | 2 75 | 4 00 | \$5 50 | 20... | 4 50 | 5 50 | 5 50 | 4 50 | 6 50 | 5 50 |
| 19... | 6 50 | 4 50 | 5 50 | 2 50 | 4 00 | \$6 00 | 27... | 4 50 | 5 00 | 6 50 | 5 50 | 5 50 | 6 50 |
| 26... | 5 50 | 4 25 | 5 50 | 2 50 | 4 00 | \$7 00 | June 3... | 4 75 | 6 50 | 6 50 | 5 50 | 6 50 | 7 00 |
| December 3... | 4 50 | 4 25 | 5 50 | 3 50 | 3 50 | \$8 00 | 10... | 4 00 | 6 50 | 7 50 | 5 50 | 6 50 | 7 00 |
| 10... | 4 50 | 3 50 | 4 50 | 3 50 | 3 50 | 4 50 | 17... | 4 50 | 6 50 | 7 50 | 6 50 | 7 00 | 5 50 |
| 17... | 4 50 | 4 00 | 5 00 | 3 50 | 3 50 | 4 00 | 24... | 4 50 | 6 50 | 7 50 | 6 50 | 8 00 | 5 50 |
| 24... | 5 50 | 4 00 | 5 00 | 3 50 | 3 50 | 4 00 | July 1... | 5 50 | 7 00 | 7 50 | 6 75 | 8 00 | 5 00 |
| 31... | 5 00 | 4 50 | 5 00 | 3 75 | 3 50 | \$8 00 | 8... | 5 50 | 9 50 | 6 50 | 7 00 | 9 00 | 4 50 |
| January 7... | 4 50 | 4 75 | 5 00 | 4 50 | 4 50 | \$7 50 | 15... | 5 50 | 13 00 | 6 50 | 7 00 | 9 00 | 5 50 |
| 14... | 4 50 | 4 50 | 5 00 | 3 25 | 3 75 | \$7 50 | 22... | 6 00 | 13 00 | 6 00 | 7 00 | 8 50 | 5 50 |
| 21... | 4 00 | 4 00 | 4 75 | 3 25 | 3 25 | 3 25 | 29... | 6 00 | 10 00 | 5 50 | 6 50 | 8 00 | 5 50 |
| 28... | 3 00 | 3 75 | 4 50 | 3 00 | 3 75 | 3 25 | August 5... | 6 50 | 8 50 | 5 50 | 6 50 | 7 50 | 5 50 |
| February 4... | 3 00 | 4 50 | 3 50 | 3 25 | 3 50 | 3 50 | 12... | 6 50 | 10 50 | 8 50 | 6 50 | 7 50 | 6 00 |
| 11... | 3 00 | 4 50 | 3 50 | 3 75 | 3 50 | 3 50 | 19... | 6 00 | 9 00 | 7 00 | 5 50 | 7 50 | 6 50 |
| 18... | 5 00 | 4 50 | 3 50 | 3 75 | 3 50 | 3 50 | 26... | 6 00 | 7 50 | 7 00 | 5 50 | 7 50 | 6 75 |
| 25... | 3 00 | 4 25 | 4 25 | 3 75 | 3 50 | 3 75 | | | | | | | |

* Per barrel.

Table showing the receipts, at Cincinnati, of the various articles of fruit specified, for thirty-two years :

| YEARS. | Green Apples, bbls. | Dried Fruits, bush. | Lemons, boxes. | Oranges, boxes. | YEARS. | Green Apples, bbls. | Dried Fruits, bush. | Lemons, boxes. | Oranges, boxes. |
|--------------|---------------------|---------------------|----------------|-----------------|--------------|---------------------|---------------------|----------------|-----------------|
| 1847-48..... | 28,674 | 27,464 | 3,608 | 5,007 | 1863-64..... | 97,899 | 77,801 | 2,283 | 5,092 |
| 1848-49..... | 22,109 | 38,317 | 4,181 | 4,310 | 1864-65..... | 189,639 | 50,624 | 1,808 | 1,450 |
| 1849-50..... | 26,445 | 14,802 | 4,183 | 6,819 | 1865-66..... | 171,212 | 55,359 | 3,765 | 4,710 |
| 1850-51..... | 16,934 | 41,824 | 3,379 | 9,302 | 1866-67..... | 146,302 | 76,991 | 1,962 | 6,050 |
| 1851-52..... | 71,182 | 24,847 | 4,434 | 4,547 | 1867-68..... | 114,158 | 47,498 | 3,922 | 8,649 |
| 1852-53..... | 19,845 | 44,515 | 7,138 | 8,984 | 1868-69..... | 161,203 | 34,361 | 5,532 | 11,131 |
| 1853-54..... | 31,479 | 73,105 | 6,695 | 5,779 | 1869-70..... | 146,813 | 86,387 | 7,140 | 13,330 |
| 1854-55..... | 15,071 | 58,047 | 7,855 | 18,239 | 1870-71..... | 176,396 | 85,218 | 13,755 | 19,561 |
| 1855-56..... | 31,594 | 137,662 | 9,026 | 7,972 | 1871-72..... | 116,722 | 106,910 | 16,381 | 21,355 |
| 1856-57..... | 12,470 | 48,797 | 7,125 | 13,817 | 1872-73..... | 128,518 | 154,124 | 13,192 | 21,790 |
| 1857-58..... | 40,023 | 46,549 | 9,689 | 11,669 | 1873-74..... | 214,958 | 49,464 | 14,015 | 24,272 |
| 1858-59..... | 24,531 | 137,870 | 13,564 | 27,137 | 1874-75..... | 150,051 | 154,910 | 12,206 | 28,451 |
| 1859-60..... | 95,811 | 64,186 | 10,141 | 28,793 | 1875-76..... | 191,593 | 102,329 | 25,322 | 35,496 |
| 1860-61..... | 84,759 | 91,684 | 3,716 | 12,309 | 1876-77..... | 148,689 | 146,511 | 22,130 | 35,485 |
| 1861-62..... | 98,053 | 106,403 | 13,965 | 13,487 | 1877-78..... | 116,832 | 200,342 | 16,655 | 48,830 |
| 1862-63..... | 149,758 | 54,245 | 10,244 | 12,357 | 1878-79..... | 239,275 | 151,665 | 23,307 | 40,486 |

Table showing the quotations, at Cincinnati, for prime dried apples and dried peaches (halves), on Tuesday of each week, in two years:

| DATES. | DRIED APPLES. | | DRIED PEACHES. | | DATES. | DRIED APPLES. | | DRIED PEACHES. | |
|------------------|---------------|---------|----------------|---------|-------------|---------------|---------|----------------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 3..... | | | | | March 4... | 2 @2½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 10..... | | | | | 11... | 2 @2½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 17..... | | | | | 18... | 2 @2½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 24..... | | | | | 25... | 2 @2½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| October 1..... | | | | | April 1... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 8..... | | | | | 8... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 15..... | | | | | 15... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 22... | | | | | 22... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 29... | | | | | 29... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| November 5..... | | | | | May 6... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 12... | | | | | 13... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 19... | | | | | 20... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 26... | | | | | 27... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| December 3..... | | | | | June 3... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 10... | | | | | 10... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 17... | | | | | 17... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 24... | | | | | 24... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| January 7..... | | | | | July 1... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 14... | | | | | 8... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 21... | | | | | 15... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| 28... | | | | | 22... | 3 @3½c | 4½ @5c | 3½ @4c | 5½ @6½c |
| February 4..... | | | | | August 5... | | | | |
| 11... | | | | | 12... | | | | |
| 18... | | | | | 19... | | | | |
| 25... | | | | | 26... | | | | |

* No session of the Chamber.

† Southern apples, until notice of change.

‡ Northern apples during the remainder of the year.

Table showing the price, per barrel, of choice green apples, at Cincinnati, on Tuesday of each week, in four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|-----------|-----------|---------|---------|---------------|-----------|-----------|---------|---------|
| | | | | | | | | | |
| September 3..... | 1 25@1 50 | 1 25@1 50 | \$1 25 | \$5 50 | March 4..... | 1 80@2 50 | 5 00@5 75 | \$2 00 | \$4 75 |
| 10..... | 65@1 00 | 1 25@1 50 | 1 50 | 4 50 | 11..... | 1 80@2 50 | 5 00@5 75 | 2 00 | 4 75 |
| 17..... | 65@1 00 | 1 25@2 00 | 1 50 | 3 50 | 18..... | 2 00@2 50 | 5 00@5 75 | 2 25 | 4 75 |
| 24..... | 65@1 00 | 1 25@2 00 | 1 50 | 3 50 | 25..... | 2 00@2 50 | 5 00@5 75 | 2 25 | 5 00 |
| October 1..... | 65@1 00 | 1 25@2 00 | 1 50 | 4 00 | April 1..... | 2 00@2 50 | 5 00@5 75 | 2 25 | 5 00 |
| 8..... | * | 1 25@2 00 | * | 4 00 | 8..... | 2 00@2 50 | 5 00@6 00 | 2 25 | 5 00 |
| 15..... | 65@1 10 | 2 00@2 50 | 1 50 | 4 25 | 15..... | 2 00@2 50 | 5 00@6 00 | 2 50 | 5 50 |
| 22..... | 75@1 25 | 2 00@2 50 | 1 50 | 4 00 | 22..... | 1 75@2 25 | 5 00@6 00 | 4 00 | 5 50 |
| 29..... | 75@1 25 | 2 00@2 50 | 1 50 | 4 00 | 29..... | 2 00@2 75 | 5 00@6 00 | 4 00 | 5 50 |
| November 5..... | 75@1 25 | 2 00@2 50 | * | 4 00 | May 6..... | 2 00@2 75 | 5 00@6 00 | 4 00 | ..... |
| 12..... | 1 40@2 00 | 2 00@2 50 | 1 50 | 3 50 | 13..... | 2 75@3 00 | 4 50@5 00 | 4 00 | ..... |
| 19..... | 1 40@2 00 | 2 00@2 50 | 1 50 | 3 50 | 20..... | 2 00@2 50 | 4 50@5 00 | 4 00 | ..... |
| 26..... | 1 40@2 00 | 2 75@3 50 | 1 50 | 4 00 | 27..... | 3 00@4 00 | ..... | 4 00 | ..... |
| December 3..... | 1 40@2 00 | 3 00@4 00 | 1 50 | 4 00 | June 3..... | 2 75@3 00 | ..... | 4 00 | ..... |
| 10..... | 1 40@2 00 | 3 00@4 00 | 1 50 | 4 00 | 10..... | 2 75@3 50 | ..... | 4 00 | ..... |
| 17..... | 1 40@2 00 | 3 00@4 00 | 1 50 | 4 00 | 17..... | ..... | ..... | ..... | ..... |
| 24..... | 1 40@2 00 | * | 1 50 | 4 00 | July 1..... | 1 25@2 50 | 1 50@2 00 | 3 00 | ..... |
| 31..... | 1 50@2 20 | * | 1 50 | 3 50 | 8..... | 1 00@2 25 | 1 50@2 00 | 2 50 | 1 50 |
| January 7..... | 1 00@2 00 | 3 00@4 00 | 2 50 | 4 00 | 15..... | 1 70@2 00 | 1 50@2 00 | 2 50 | 1 50 |
| 14..... | 1 60@2 00 | 3 50@4 50 | 2 50 | 4 00 | 22..... | 2 25@2 75 | 1 25@2 00 | 2 50 | 1 50 |
| 21..... | 1 60@2 00 | 3 50@4 50 | 2 50 | 4 00 | 29..... | 1 25@2 00 | 1 25@1 50 | 2 00 | 1 50 |
| February 4..... | 2 00@2 25 | 3 50@4 50 | 2 25 | 4 00 | August 5..... | 1 00@1 40 | 1 25@1 50 | 2 00 | 1 00 |
| 11..... | 1 75@2 50 | 4 50@5 00 | 2 00 | 4 25 | 12..... | 1 00@1 50 | 1 25@1 50 | 2 00 | 1 00 |
| 18..... | 1 75@2 25 | 5 00@5 75 | 2 00 | ..... | 19..... | 1 75@2 00 | 1 25@1 50 | 2 00 | 1 00 |
| 25..... | 1 75@2 25 | 5 00@5 75 | 2 00 | 4 25 | 26..... | 1 25@1 75 | 1 25@1 50 | 1 75 | 1 00 |

* No session of the Chamber.

FURNITURE.

The furniture business of Cincinnati, for the commercial year, shows an encouraging increase. The aggregate production of furniture, including chair backs and frames, for the calendar year of 1878, according to the figures of Secretary Blackburn, of the Board of Trade of Cincinnati, was \$6,631,337, to produce which 3,812 hands were employed. But in almost all walks of production, there has been material stimulation since the first of January, so that for the commercial year it is estimated the increase in the value of production has been 15 per cent. over the preceding year. The leading position which Cincinnati holds among the furniture-producing cities is well recognized and the scope of her distribution is known to be wide, yet few are aware how she is steadily extending the area of her usefulness. Not only is our furniture generally distributed throughout the Eastern and Southern States, and to some extent in the West, but important trade is being built up in the Territories. Larger quantities than usual have been sent during the year to the Pacific slope, while considerable Cincinnati furniture has gone to Great Britain. It seems probable that Europe may be a liberal customer for the furniture of this city, if prices can be kept down so as to make it a pecuniary inducement. The cost of materials, with the exception of iron manufactures, which have advanced 10@15 per cent., remains substantially unchanged. Though a tendency to higher prices has shown itself in some other departments of production, this has not been witnessed in furniture, staple articles now being purchasable at as low rates as ever in the history of the trade. The general average price for the year has probably been slightly below the previous year. In the general character of the styles there has not been much change from the preceding year. The favor with which the furniture of Queen Anne's period was received, has become still more marked during the past year. There is a growing tendency to more ornamentation, especially in the shape of wood carving, which now, more or less, appears on nearly all the better grades of furniture. Japanese ornamentation, in various forms, is found on many pieces, contributing its share to the more complete blotting out of the old styles which formerly adorned our dwellings. The graceful forms, tasteful designs and decorations of the furniture of to-day are notable features of the furniture business, and show what a complete revolution the past few years have brought and what progress has been made in the household arts. Many pieces of furniture now made are really works of art, beautiful to the eye, elevating to the taste, and contributing as much to the pleasure of a cultivated mind as the pictures which adorn the walls. The changes, too, have been consummated without taking the furniture beyond the reach of people of moderate circumstances or even the poor, for in the lowest priced furniture the new era, inaugurated by a better taste, has impressed itself with a power little below what has been witnessed in the better grades. There certainly never was a time when in furniture as much real beauty was combined with usefulness for the outlay demanded. A set of beautiful bed-room furniture, consisting of bed, dressing case, washstand, and two or three chairs, of the latest designs, can now be purchased for \$150, and a good set for \$100. How long these low prices may be maintained no one can say. Iron has advanced, and hard lumber, mirror plates and marble have by no means settled prices, and labor is restless. Profits are so slender that no considerable cost can be added to production without eventually affecting the prices of the manufactured article with whatever results may follow the change. While this is true concerning the future, the early effects of the great awakening in business does not necessarily at once enlarge the profits of manufacturing, for while the pressure for increased prices for that which enters into the cost of production may come from a multitude of sources, there is a resistance to advance in manufactured goods which can not at once be overcome.

The whole number of packages of furniture shipped from the city, during the year, was 109,886, in comparison with 124,127 in 1877-78; but a package of furniture is an indefinite thing, and does not, with the more compact forms of packing which each year are being adopted, and other circumstances, necessarily show the relation of the business of the different years. The shipments of furniture by public conveyance, for twenty-two years, will be found in the following table:

| YEARS. | Furniture, pcs. & pkgs. | Chairs, dozens. | YEARS. | Furniture, pcs. & pkgs. | Chairs, dozens. | YEARS. | Furniture, pcs. & pkgs. | Chairs, dozens. |
|---------------|----------------------------|--------------------|---------------|----------------------------|--------------------|---------------|----------------------------|--------------------|
| 1857-58 | 90,130 | 10,282 | 1864-65 | 57,035 | 16,724 | 1872-73 | 66,597 | 29,997 |
| 1858-59 | 171,206 | 10,218 | 1865-66 | 78,004 | 27,993 | 1873-74 | 98,854 | 18,259 |
| 1859-60 | 119,014 | 6,566 | 1866-67 | 73,756 | 24,613 | 1874-75 | 85,238 | 13,621 |
| 1860-61 | 11,634 | 8,151 | 1867-68 | 48,772 | 17,447 | 1875-76 | 96,834 | 11,846 |
| 1861-62 | 17,516 | 5,384 | 1868-69 | 69,830 | 22,962 | 1876-77 | 130,890 | 13,316 |
| 1862-63 | 38,452 | 12,498 | 1869-70 | 102,101 | 30,525 | 1877-78 | 124,127 | 17,761 |
| 1863-64 | 39,135 | 14,545 | 1870-71 | 67,960 | 24,175 | 1878-79 | 109,886 | 11,909 |
| | | | 1871-72 | 68,538 | 24,873 | | | |

GINSENG.

The receipts of ginseng for the year were about the same with 1877-78. Prices ranged, throughout the winter, at 85 cents to \$1 00 per pound. New was quotable, early in June, at 85@90 cents. There was a steady improvement in the market throughout the commercial year, closing with ginseng quotable at \$1 00@1 10, with a firm market at the prices.

GRAIN.

The figures which are furnished elsewhere make mainly a favorable exhibit for the grain interests of the city. In wheat, particularly, there has been an encouraging increase. The city is no longer the almost exclusively consumptive market it once was in grain, but is entering upon a wider field, by the steady increase of her distributing facilities. This market must always have a consumptive trade sufficiently large to answer as a wholesome check to the depressing influences which speculation at times encourages, and on the other hand, with facilities at all times ready for the use of all surplus in other markets, at home and abroad, it is saved from the demoralization which would ensue from supplies beyond actual local wants. A market so adjusted, must always present a more equable condition, and furnish conditions which are more uniformly favorable to the shippers of grain to this point. Wheat, corn and rye, all exhibit an increase over the preceding year. There has been a falling off in the receipts of barley that has been sufficient to unfavorably affect the grand aggregate, but this comes from causes which pertain to the past season alone. The aggregate receipts of grain for the year were 11,263,275 bushels, in comparison with 11,165,697 in 1877-78, 8,778,581 in 1876-77, 8,662,133 in 1875-76, and 7,600,432 in 1874-75. The exports in the past year were 5,022,591 bushels, in comparison with 4,498,608 in 1877-78, 2,716,857 in 1876-77, 2,319,291 in 1875-76, and 1,570,759 in 1874-75. If to the figures for the past year were added through shipments, which are not embraced therein, it would swell the total imports at this city for the year to 18,151,595 bushels, compared with 15,950,597 in 1877-78, and the exports to 11,910,911 bushels, in comparison with 9,283,508. The advantages of the Cincinnati Southern Railway to the grain interests have been more manifest during the past year, though it has shown itself mainly in receipts. During July

and August of the late year, there were received over the road 313,193 bushels of wheat, which is about equal to the aggregate receipts for the whole year by all methods of public conveyance twenty-five years ago. With the opening of the road through to the Gulf States, that there must be an important increase in the shipment of grain in that direction there seems no room to doubt. At present, the movement of grain from Cincinnati to the South by railroad is very small; the total shipments of all kinds into States south of the Ohio River, for the calendar year of 1878, as near as the same can be ascertained, having been less than 100,000 bushels. There is a great future for the grain business of this city, but it will not come by chance. It needs here not merely the same vigor which has made it what it is, but the largest accommodations, the cheapest methods, and the utmost freedom of transit consistent with public safety.

BARLEY.

The crop of fall barley, in the district tributary to this city, in 1878, was one of the best ever raised, in yield, color and malting quality. It was, however, deficient in acreage in some parts, the extremely low price of the previous year having discouraged farmers from raising it as freely as previously, so that the receipts, as will appear elsewhere, have fallen behind the preceding year. The spring barley did not, in general, malt well and was less inviting than usual, so that this also militated against the extent of the business. There was some Canada, as well as California, barley also in the market, but not in large quantities. The total receipts for the year were 1,180,652 bushels, in comparison with 1,597,481 in the preceding year. The shipments, however, show a material increase, having been 264,648 bushels, compared with 123,617. The increase in the outward movement is traceable to an unusual demand from localities that previously have drawn very little from this city. Chicago, Milwaukee, St. Louis, Columbus, Cleveland, and Philadelphia, enticed by the unusually good quality of the fall barley, drew to some extent on the barley of this district, thus not only increasing our shipments and keeping prices higher than they otherwise would have been, but also drawing directly on the sources of our supply and so far diminishing our receipts. Though the market opened low in the summer of 1878, fall barley selling early at 50 cents, prices steadily advanced until early in October, when the same grade was quoted at \$1 15@1 18 per bushel. These prices were not maintained during the remainder of the winter, the price ultimately settling down to about \$1 05@1 10 for No. 2 fall, and remaining without much fluctuation until in the March following, when there was a decline of about 10 cents per bushel. In April there was a further shrinkage of from 5 to 10 cents per bushel, though in the following month, under the influence of the dry weather and its probable effect on the crops, prices were higher, No. 2 fall having been quotable at \$1 00@1 10. The average quotation for No. 2 fall for the year was \$1 00.5, compared with 52 cents in the previous year, which would appear to be a great disparity. These figures, however, have to be received in the light of facts of two years concerning quality, the barley of the past year having been singularly good, and that of 1877-78 inferior. When the new crop made its appearance, the old was well cleaned out, in contrast with the previous year, when, encouraged by the extraordinarily low prices, brewers were moved to malt freely and carry more than common into the new year. The fall crop of 1879 was shortened by the very dry weather of the early summer, which at one time seemed to threaten it with destruction. In Ohio and Kentucky a timely rain came to its rescue and brought comparative safety, but the crop was still somewhat shortened. The grain is sound, but not so bright as in the previous year. The farmers, who had made up their minds for higher prices than those prevailing, were reluctant to send in their barley and receipts consequently have been light. Such as was received found a market at 85@95 cents per bushel. The receipts of new spring have so far been liberal, with prices ranging for the best at 70@85 cents per bushel.

Table showing the quotation for fall barley, at Cincinnati, on Tuesday of each week, in three years, the quotation for 1876-77 and 1878-79 being for No. 2, and for 1877-78 the quotation for sample :

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|-------------|---------|---------|---------------|-------------|---------|---------|
| September 3..... | \$0 95@1 03 | ..... | 70@ 75c | March 4..... | \$1 05@1 10 | 40@ 55c | 75@ 80c |
| 10..... | 95@1 03 | ..... | 70@ 80 | 11..... | 95 | 40@ 55 | 75@ 80 |
| 17..... | 95@1 05 | ..... | 95@1 00 | 18..... | 95@1 00 | 40@ 55 | 75@ 80 |
| 24..... | 1 10@1 13 | 45@65c | 95@1 00 | 25..... | 95@1 00 | 40@ 55 | 75@ 80 |
| October 1..... | 1 15@1 18 | 45@65 | 95@1 05 | April 1..... | 95@1 00 | 40@ 55 | 75@ 80 |
| 8..... | ..... | 45@65 | ..... | 8..... | 95@1 00 | 40@ 55 | 75@ 80 |
| 15..... | 1 08@1 10 | 40@60 | 95@1 10 | 15..... | 90@ 95 | 40@ 55 | 75@ 80 |
| 22..... | 1 08@1 10 | 40@60 | 95@1 10 | 22..... | 90@ 95 | 35@ 45 | 75@ 80 |
| 29..... | 1 08@1 10 | 40@60 | 90@1 10 | 29..... | 85@ 90 | 30@ 45 | ..... |
| November 5..... | 1 08@1 10 | 40@60 | ..... | May 6..... | 85@ 90 | 30@ 45 | ..... |
| 12..... | 1 08@1 10 | 40@60 | 95@1 10 | 13..... | 95@1 00 | 30@ 45 | ..... |
| 19..... | 1 08@1 10 | 40@60 | 95@1 10 | 20..... | 1 00@1 10 | 30@ 45 | ..... |
| 26..... | 1 03@1 05 | 40@60 | 95@1 05 | 27..... | 1 00@1 05 | 30@ 45 | ..... |
| December 3..... | 1 05@1 10 | 40@55 | 95@1 05 | June 3..... | 1 00@1 05 | 30@ 45 | ..... |
| 10..... | 1 05@1 10 | 40@55 | 90@1 00 | 10..... | 1 00@1 05 | 30@ 45 | ..... |
| 17..... | 1 05@1 10 | 40@55 | 90@1 00 | 17..... | ..... | 30@ 45 | ..... |
| 24..... | 1 05@1 10 | ..... | 90@1 05 | 24..... | ..... | 30@ 45 | ..... |
| 31..... | 1 05@1 10 | ..... | 90@1 00 | July 1..... | 85@ 90 | 30@ 45 | ..... |
| January 7..... | 1 05@1 10 | 40@55 | 90@1 00 | 8..... | 80@ 85 | 30@ 45 | ..... |
| 14..... | 1 05@1 10 | 40@55 | 90@1 00 | 15..... | 85@ 90 | 45@ 50 | ..... |
| 21..... | 1 05@1 10 | 40@55 | 90@1 00 | 22..... | 85@ 90 | 45@ 50 | ..... |
| 28..... | 1 05@1 10 | 40@55 | 90@1 00 | 29..... | 85@ 90 | 60@ 65 | ..... |
| February 4..... | 1 05@1 10 | 40@55 | 90@1 00 | August 5..... | 80@ 90 | 60@ 65 | ..... |
| 11..... | 1 05@1 10 | 40@55 | 80@ 85 | 12..... | 80@ 90 | 95@1 00 | ..... |
| 18..... | 1 05@1 10 | 40@55 | 80@ 85 | 19..... | 85 @ 95 | 95@1 10 | ..... |
| 25..... | 1 05@1 10 | 40@55 | 75@ 80 | 26..... | 90@ 95 | 90@1 00 | ..... |

*No session of the Chamber.

Table showing the average annual quotations for No. 1 fall barley, during a period of nineteen years, and for No. 2 fall barley, during the seasons of 1871-72, 1872-73, 1873-74, 1874-75, 1876-77 and 1878-79, No. 2 Canada in 1875-76, and sample fall in 1877-78:

| | | | | | | | |
|--------------|--------|--------------|---------|--------------|---------|---------------------------|-----------|
| 1855-56..... | \$1 35 | 1861-62..... | \$0 60 | 1867-68..... | \$2 11 | 1873-74..... | \$1 51.25 |
| 1856-57..... | 1 58 | 1862-63..... | 1 36 | 1868-69..... | 2 89.66 | 1874-75..... | 1 40.97 |
| 1857-58..... | 58 | 1863-64..... | 1 51 | 1869-70..... | 1 25.5 | 1875-76, No. 2, Can. 1 29 | |
| 1858-59..... | 67 | 1864-65..... | 1 28 | 1870-71..... | 1 00.38 | 1876-77..... | 89.76 |
| 1859-60..... | 76 | 1865-66..... | 1 41 | 1871-72..... | 78 | 1877-78..... | 32 |
| 1860-61..... | 69 | 1866-67..... | 1 52.75 | 1872-73..... | 78 | 1878-79..... | 100.5 |

Table showing the annual receipts and shipments of barley, at Cincinnati, for thirty-four years:

| YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. |
|--------------|-----------------|------------------|--------------|-----------------|------------------|--------------|-----------------|------------------|
| 1845-46..... | 90,225 | ..... | 1856-57..... | 381,060 | ..... | 1868-69..... | 853,182 | 67,246 |
| 1846-47..... | 79,364 | ..... | 1857-58..... | 400,967 | 80,226 | 1869-70..... | 836,341 | 56,088 |
| 1847-48..... | 165,528 | ..... | 1858-59..... | 455,731 | 119,214 | 1870-71..... | 800,988 | 17,730 |
| 1848-49..... | 87,460 | ..... | 1859-60..... | 332,829 | 95,160 | 1871-72..... | 1,177,806 | 26,984 |
| 1849-50..... | 137,925 | ..... | 1860-61..... | 493,214 | 58,578 | 1872-73..... | 1,228,245 | 37,436 |
| 1850-51..... | 111,257 | ..... | 1861-62..... | 323,884 | 42,052 | 1873-74..... | 1,084,500 | 90,688 |
| 1851-52..... | 89,894 | ..... | 1862-63..... | 336,176 | 18,314 | 1874-75..... | 1,109,693 | 82,735 |
| 1852-53..... | 226,844 | ..... | 1863-64..... | 379,432 | 18,388 | 1875-76..... | 1,551,944 | 222,356 |
| 1853-54..... | 286,536 | ..... | 1864-65..... | 542,712 | 49,556 | 1876-77..... | 1,258,163 | 152,412 |
| 1854-55..... | 204,224 | ..... | 1865-66..... | 891,833 | 109,012 | 1877-78..... | 1,597,481 | 125,617 |
| 1855-56..... | 244,792 | ..... | 1866-67..... | 673,806 | 65,832 | 1878-79..... | 1,180,652 | 264,648 |
| | | | 1867-68..... | 602,813 | 129,278 | | | |

CORN.

Our business in corn has not varied much from the preceding year. The crop was a large one, and our market was well supplied; but a great deal was damp, and not in good condition. The receipts, however, were by no means all of this class, for there was considerable corn that was of good quality, and yet the quantity of the former class was sufficiently great to make the defect a noticeable feature of the year. This militated against shipments, and explains to some extent the diminished exportation which is revealed by the figures furnished. The receipts, according to the books of the Merchants' Exchange, were, for the year, 4,359,549 bushels, in comparison with 4,321,456 in 1877-78, and the shipments 915,390 bushels, compared with 1,236,439, a reduction of 321,049 bushels. If to these figures were added through shipments, not embraced therein, it would make the entire movement as follows: Imports, 7,240,509 bushels, in comparison with 7,075,116 in the previous year; exports, 3,796,350, compared with 3,990,099. The market, during the greater part of the year, was far from being an animated one. Prices declined until in December, when prime new ear corn was quotable at 31@32 cents per bushel, the year having begun with old corn at 42@43 cents. There was little change in prices for three months following, after which there was some appreciation, beginning in March, and continuing, with some interruption, until late in July, when the quotation was 43 cents. The average price, for the past year, for prime ear corn was 37.64 cents per bushel, in comparison with 42.53 cents in the preceding year, and with 31 cents in 1861-62, which is the only year, in a period of eighteen years, that presents a lower average.

Table showing the quotation for prime mixed ear corn, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 42@43 | 46@47c | 44@46c | March 4..... | 34 @35 | 47c | 40c |
| 10..... | 42@43 | 46@48 | 45@47 | 11..... | 35½@36 | 40 | 41@42 |
| 17..... | 42@43 | 48@49 | 46@47 | 18..... | 37 | 40 @41 | 41@42 |
| 24..... | 42 | 47@48 | 47@49 | 25..... | 38 | 41 @42 | 41 |
| October 1..... | 42 | 47 | 46@48 | April 1..... | 36 @37 | 42 | 40@41 |
| 8..... | 42 | 45 | * 46@48 | 8..... | 37 @37½ | 42 | 42@43 |
| 15..... | 42 | 45@46 | 47@48 | 15..... | 36 @37 | 41 @42 | 45@46 |
| 22..... | 39@40 | 45@46 | 47@48 | 22..... | 37 | 43 | 45@46 |
| 29..... | 38 | 45 | * 47@48 | 29..... | 38 | 43 | 54@55 |
| November 5..... | 38 | 41@45 | * 47@48 | May 6..... | 37½@38 | 42 | 51@52 |
| 12..... | 38 | 43@45 | 50@52 | 13..... | 38 | 43 | 51@52 |
| 19..... | 38 | 43@45 | 49@50 | 20..... | 38½@39 | 42 @44 | 49@50 |
| 26..... | 38 | 45@46 | 48 | 27..... | 39 @41 | 40 | 45@48 |
| December 3..... | 38 | 45@46 | 44 | June 3..... | 39 | 40 | 45@46 |
| 10..... | 38 | 45@46 | 44@45 | 10..... | 38 | 41 | 46@47 |
| 17..... | 31@32 | 43@43 | 41 | 17..... | 38 @39 | 41 | 48@50 |
| 24..... | 31@32 | * 43@43 | 41@42 | 24..... | 38 @39 | 40 | 50@52 |
| January 7..... | 33 | 41@41 | 43@45 | July 1..... | 38 @39 | 41 | 50@51 |
| 14..... | 32@33 | 40@41 | 44@45 | 8..... | 39 @40 | 40 | 50@51 |
| 21..... | 32@33 | 38@39 | 43@44 | 15..... | 40 @42 | 43 | 47@48 |
| 28..... | 32@33 | 38@39 | 43@44 | 22..... | 43 | 43 | 46@47 |
| February 4..... | 32@33 | 40 | 41@42 | 29..... | 43 | 44 | 46@47 |
| 11..... | 32@34 | 39@40 | 42@44 | August 5..... | 42 @43 | 43 | 46@48 |
| 18..... | 33 | 39@40 | 42@43 | 12..... | 40 | 41½@42 | 46@48 |
| 25..... | 34 | 39@40 | 42@43 | 19..... | 40 @41 | 41 | 47@48 |
| | | | | 26..... | 40 | 41 @42 | 46@47 |

*No session of the Chamber. †New.

Table showing the average annual quotations for prime mixed ear corn, at Cincinnati, for twenty-four years:

| | | | | | | | |
|--------------|--------|--------------|--------|--------------|----------|--------------|-----------|
| 1855-56..... | \$0 42 | 1861-62..... | \$0 31 | 1867-68..... | \$0 92.2 | 1873-74..... | \$0 60.05 |
| 1856-57..... | 59 | 1862-63..... | 53.4 | 1868-69..... | 73.5 | 1874-75..... | 72.52 |
| 1857-58..... | 42 | 1863-64..... | 1 03.5 | 1869-70..... | 83.12 | 1875-76..... | 51.62 |
| 1858-59..... | 72 | 1864-65..... | 77.5 | 1870-71..... | 56 | 1876-77..... | 46 |
| 1859-60..... | 50 | 1865-66..... | 54.5 | 1871-72..... | 49 | 1877-78..... | 42.53 |
| 1860-61..... | 34 | 1866-67..... | 79.25 | 1872-73..... | 42.6 | 1878-79..... | 37.64 |

Table showing the annual receipts and shipments of corn, at Cincinnati, for thirty-four years :

| YEARS. | Receipts, bush. | Shipm'ts, bush. | YEARS. | Receipts, bush. | Shipm'ts, bush. | YEARS. | Receipts, bush. | Shipm'ts, bush. |
|---------------|--------------------|--------------------|---------------|--------------------|--------------------|---------------|--------------------|--------------------|
| 1845-46 | 57,235 | 63,220 | 1856-57 | 1,673,363 | 162,980 | 1868-69 | 1,508,509 | 188,784 |
| 1846-47 | 896,258 | 516,396 | 1857-58 | 1,090,236 | 38,304 | 1869-70 | 1,979,645 | 394,500 |
| 1847-48 | 861,315 | 107,202 | 1858-59 | 1,139,922 | 57,066 | 1870-71 | 2,068,900 | 672,628 |
| 1848-49 | 344,810 | 14,352 | 1859-60 | 1,346,208 | 97,734 | 1871-72 | 1,828,866 | 246,632 |
| 1849-50 | 649,227 | 114,496 | 1860-61 | 1,340,690 | 254,538 | 1872-73 | 2,259,544 | 324,183 |
| 1850-51 | 489,195 | 40,266 | 1861-62 | 1,708,292 | 282,300 | 1873-74 | 3,457,164 | 658,718 |
| 1851-52 | 605,788 | 102,442 | 1862-63 | 1,504,430 | 531,868 | 1874-75 | 3,695,561 | 595,915 |
| 1852-53 | 723,834 | 118,264 | 1863-64 | 1,817,046 | 800,521 | 1875-76 | 4,115,594 | 1,028,325 |
| 1853-54 | 746,465 | 78,854 | 1864-65 | 1,282,198 | 685,506 | 1876-77 | 4,559,506 | 1,317,142 |
| 1854-55 | 845,579 | 125,688 | 1865-66 | 1,427,766 | 611,746 | 1877-78 | 4,321,456 | 1,236,439 |
| 1855-56 | 978,511 | 150,520 | 1866-67 | 1,820,955 | 1,099,884 | 1878-79 | 4,359,549 | 915,390 |
| | | | 1867-68 | 1,405,366 | 557,172 | | | |

O A T S.

The business in oats at this city, during the past year, has in volume varied little from the previous year. The market was well supplied and there was a fair demand at the prices, which were very low. While the receipts show a slight falling off, the shipments have materially increased. The aggregate receipts were 1,398,572 bushels, compared with 1,467,010 in the previous year, and the shipments 305,307 bushels, in comparison with 146,452. The total movement, including through freights not embraced in these figures, was in imports 1,472,932 bushels, compared with 1,596,490 in 1877-78, and in exports 379,667 bushels in 1878-79, in comparison with 275,932. The commercial year opened with No. 2 mixed oats quotable at 22@23 cents per bushel, and from this they varied very little for six months following. In March and later in the spring, there was considerable improvement, which subsequently became much more marked under the influence of dry weather, which threatened the destruction of the coming crop. Late in May, oats had advanced to 34@36 cents. These prices, however, were scarcely maintained, and especially after timely rains had dispelled the fears as to the new crop there was much less strength to the market. The advance was slowly lost, so that when new oats made their appearance, they came in at prices not much greater than those which had ruled at the corresponding period of the previous year, No. 2 mixed selling at about 23 cents per bushel. The average quotation for the year for No. 2 mixed oats was 26.86 cents per bushel, certainly the lowest average since 1861-62, when it was 26.66 cents. The latter, however, was for No. 1 oats, so that it is probable the past year presents the lowest average for oats of the same grade in the history of the Chamber. The average for 1877-78 was 28.66 cents. The information as to the crop of 1879, as far as it has made its appearance, has not been uniform. From some districts, the quality seems fair, while from others the grain has an odor about them that affects their value. All agree in the belief that the crop never entirely recovered from the effects of the dry weather which preceded harvest, although the yield at last turned out much better than was anticipated.

Table showing the average annual quotations for No. 1 mixed oats, at Cincinnati, from 1855-56 to 1871-72, inclusive, and for No. 2 mixed from 1872-73 to 1878-79, inclusive:

| | | | | | | | |
|--------------|-------|--------------|-------|---------------------|-------|---------------------|-------|
| 1855-56..... | 29.5c | 1861-62..... | 30c | 1867-68..... | 60.5c | 1873-74, No. 2..... | 48.2c |
| 1856-57..... | 46 | 1862-63..... | 58.5 | 1868-69..... | 63.75 | 1874-75, No. 2..... | 50 |
| 1857-58..... | 36 | 1863-64..... | 78.5 | 1869-70..... | 54.5 | 1875-76, No. 2..... | 38 |
| 1858-59..... | 57 | 1864-65..... | 52.25 | 1870-71..... | 46 | 1876-77, No. 2..... | 37.28 |
| 1859-60..... | 43 | 1865-66..... | 42 | 1871-72..... | 37 | 1877-78, No. 2..... | 26.66 |
| 1860-61..... | 26.66 | 1866-67..... | 57 | 1872-73, No. 2..... | 36.1 | 1878-79, No. 2..... | 26.86 |

Table showing the quotations for No. 2 mixed oats, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | | 28@30c | 31@35c | March 4..... | 24 @27c | 29@30c | 36@38c |
| 10..... | 23@24c | 28@29 | 31@35 | 11..... | 24 @27 | 29@30 | 36@38 |
| 17..... | 23@24 | 31@32 | 35@38 | 18..... | 27 @28 | 29@30 | 36@38 |
| 24..... | 23@24 | 29@30 | 35@39 | 25..... | 27 @28 | 29@30 | 36@38 |
| October 1..... | 19@22 | 26@28 | 35@39 | April 1..... | 28 @30 | 29@30 | 36@38 |
| 8..... | * | 26@28 | * | 8..... | 28 @30 | 29@30 | 36@38 |
| 15..... | 23@24 | 28 | 35@39 | 15..... | 29 @30 | 29@30 | 36@39 |
| 22..... | 22@23 | 28@30 | 35@38 | 22..... | 28 @30 | 29@30 | 36@39 |
| 29..... | 22 | 28@30 | 35@38 | 29..... | 28½@29 | 29@30 | 48@50 |
| November 5..... | 22 | 28@30 | * | May 6..... | 28 @29 | 29@30 | 50@52 |
| 12..... | 22 | 28@30 | 31@35 | 13..... | 32 | 28@30 | 48 |
| 19..... | 22 | 28@30 | 33@35 | 20..... | 32 @34 | 28@30 | 48 |
| 26..... | 22 | 28@30 | 34@35 | 27..... | 34 @36 | 28@29 | 48 |
| December 3..... | 22@23 | 28@30 | 33@35 | June 3..... | 32½@33 | 27@29 | 40@43 |
| 10..... | 22@23 | 29@30 | 33@34 | 10..... | 33 @34 | 26@27 | 40@43 |
| 17..... | 22@23 | 29@30 | 33@34 | 17..... | 32 @33½ | 26@27 | 39@42 |
| 24..... | 22@23 | * | 33@34 | 24..... | 33 @34 | 26@27 | 39@42 |
| 31..... | 22@23 | * | 33@34 | July 1..... | 34 @35 | 26@27 | 39@42 |
| January 7..... | 22@23 | 29@30 | 33@34 | 8..... | 33 @34 | 26@27 | 39@42 |
| 14..... | 22@23 | 29@30 | 33@34 | 15..... | 33 @34 | 27@28 | 36@38 |
| 21..... | 22@23 | 29@30 | 33@34 | 22..... | 33 @34 | 27@28 | 36@38 |
| 28..... | 22@23 | 29@30 | 33@34 | 29..... | 33 @34 | 27@28 | 36@38 |
| February 4..... | 22@23 | 29@30 | 33@34 | August 5..... | 32 @33 | 27@28 | 36@38 |
| 11..... | 22@23 | 29@30 | 36@38 | 12..... | 32 @33 | 27@28 | 36@38 |
| 18..... | 22@24 | 29@30 | 36@38 | 19..... | 30 @32 | 27@28 | 28 |
| 25..... | 22@24 | 29@30 | 36@38 | 26..... | 25 @26 | 27@28 | 28 |

*No session of the Chamber.

Table showing the annual receipts and shipments of oats, at Cincinnati, for thirty-four years:

| YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1845-46..... | 106,852 | 35,988 | 1856-57..... | 534,312 | 70,116 | 1868-69..... | 1,125,900 | 218,300 |
| 1846-47..... | 372,127 | 280,133 | 1857-58..... | 598,950 | 10,398 | 1869-70..... | 1,470,075 | 188,839 |
| 1847-48..... | 191,557 | 83,550 | 1858-59..... | 557,701 | 27,415 | 1870-71..... | 1,215,794 | 244,169 |
| 1848-49..... | 185,723 | 88,424 | 1859-60..... | 894,515 | 111,823 | 1871-72..... | 1,160,053 | 230,963 |
| 1849-50..... | 191,924 | 10,046 | 1860-61..... | 838,451 | 134,311 | 1872-73..... | 1,520,979 | 324,718 |
| 1850-51..... | 164,238 | 23,214 | 1861-62..... | 1,338,950 | 450,851 | 1873-74..... | 1,372,464 | 216,660 |
| 1851-52..... | 197,868 | 5,436 | 1862-63..... | 1,312,000 | 937,139 | 1874-75..... | 1,323,380 | 193,242 |
| 1852-53..... | 293,251 | 13,194 | 1863-64..... | 1,423,813 | 851,392 | 1875-76..... | 1,441,158 | 321,755 |
| 1853-54..... | 427,423 | 7,546 | 1864-65..... | 2,358,053 | 1,739,676 | 1876-77..... | 1,096,916 | 137,296 |
| 1854-55..... | 480,178 | 84,566 | 1865-66..... | 1,331,803 | 187,091 | 1877-78..... | 1,467,010 | 146,452 |
| 1855-56..... | 403,920 | 11,042 | 1866-67..... | 1,246,375 | 295,820 | 1878-79..... | 1,398,572 | 305,307 |
| | | | 1867-68..... | 912,013 | 74,098 | | | |

R Y E.

There was a good yield of rye in 1878, and our market has been well supplied. The receipts, with the exception of 1875-76, have been the largest we have ever had, having been 489,780 bushels. In 1877-78 they were 374,637. The shipments have been 153,859, in comparison with 125,018 in the previous year. The quality of the crop of 1878 was only fair. Prices were very low, and free from considerable fluctuations. The higher prices, to which rye had been pushed at the close of the preceding year, were soon lost, No. 2 rye settling down to about 50 cents, from which it did not vary much during the winter. Under the stimulation of dry weather, and the conviction that

the low prices which had prevailed had discouraged the growth of the grain, there were better prices in the early summer, No. 2 rye advancing and reaching 60 cents in June. This, however, was not maintained, for prices thereafter shrank until the improved demand set in, which characterized the close of the commercial year. The market for new rye opened at about 54@55 cents, though some sales had been made to arrive at 56 cents, with a strong upward tendency, based on an improved foreign demand, light supplies, the larger wants of the Bourbon distilleries, and a generally improved tone to the markets for all commodities. The quality of the crop of 1879, as far as it has made its appearance, is good, and this applies to all the districts which are in any way tributary to this city. The average quotation for No. 2 rye, for the year, was 53.76 cents per bushel, compared with 59 cents in 1877-78, 74.15 in 1876-77, 74.4 in 1875-76, \$1 05.8 in 1874-75, 92.9 in 1873-74, and 75.8 in 1872-73. There has been no year since 1861-62 when prices have ruled so low.

Table showing the quotations for No. 2 rye, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|-----------|
| September 3..... | 55@56c | 57@58c | 55@58c | March 4..... | 54 @55c | 60@62c | 75c |
| 10..... | 52@53 | 60 | 63@65 | 11..... | 55 @56 | 60@62 | 74@ 75 |
| 17..... | 52@53 | 60@62 | 65@68 | 18..... | 55 @56 | 60@62 | 74@ 75 |
| 24..... | 52@53 | 62 | 65@68 | 25..... | 55 @56½ | 60 | 74@ 76 |
| October 1..... | 52@53 | 58@59 | 65@67 | April 1..... | 56 | 60@62 | 74@ 75 |
| 8..... | 50 | 58@59 | 60 | 8..... | 56 | 60@62 | 74@ 75 |
| 15..... | 50 | 59@60 | 63@65 | 15..... | 56 @57 | 60@62 | 85@ 88 |
| 22..... | 49@50 | 59@60 | 67@68 | 22..... | 56 @56½ | 60@62 | 88@ 90 |
| 29..... | 49@50 | 59@60 | 67@68 | 29..... | 56 @57 | 59@61 | 1 00@1 05 |
| November 5..... | 49@50 | 59@60 | 67@68 | May 6..... | 56 @57 | 59@61 | 98@1 00 |
| 12..... | 49@50 | 59@60 | 67@68 | 13..... | 56 @57 | 59@61 | 90@ 92 |
| 19..... | 49@50 | 60@61 | 68@70 | 20..... | 56 @57 | 59@61 | 85 |
| 26..... | 49@50 | 61@62 | 68@70 | 27..... | 56 @57 | 58@60 | 78@ 80 |
| December 3..... | 50 | 64@65 | 73@75 | June 3..... | 56½@57 | 56@58 | 76@ 78 |
| 10..... | 50 | 65@66 | 73@75 | 10..... | 58 @60 | 56@58 | 73@ 78 |
| 17..... | 51@52 | 64@65 | 78@80 | 17..... | 60 | 56@58 | 70@ 73 |
| 24..... | 51@52 | 60 | 78@80 | 24..... | 59 @60 | 56@58 | 68@ 70 |
| 31..... | 52 | 60 | 80@81 | July 1..... | 57 @58 | 53@55 | 68@ 69 |
| January 7..... | 50@52 | 63@64 | 80@81 | 8..... | 57 @58 | 53@55 | 68@ 70 |
| 14..... | 50@52 | 63 | 80@82 | 15..... | 57 @58 | 53@57 | 65@ 68 |
| 21..... | 50@52 | 58@59 | 80@83 | 22..... | 56 @57 | 52 | 67 |
| 28..... | 51@52 | 58 | 80@83 | 29..... | 56 | 52 | 65@ 66 |
| February 4..... | 51@52 | 58 | 80@82 | August 5..... | 54 @55 | 52 | 63@ 65 |
| 11..... | 51@52 | 58 | 79@80 | 12..... | 52 @53 | 56@57 | 63@ 65 |
| 18..... | 51@52 | 59@60 | 79@80 | 19..... | 53 @54 | 55@56 | 57@ 58 |
| 25..... | 51@53 | 59@60 | 79@80 | 26..... | 54 @55 | 55@56 | 58@ 59 |

*No session of the Chamber.

Table showing the annual movement of rye, at Cincinnati, for thirty-four years:

| YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. |
|--------------|-----------------|------------------|--------------|-----------------|------------------|--------------|-----------------|------------------|
| 1845-46..... | 85,821 | ..... | 1856-57..... | 118,818 | ..... | 1868-69..... | 385,672 | 222,013 |
| 1846-47..... | 41,016 | ..... | 1857-58..... | 64,385 | 19,640 | 1869-70..... | 237,885 | 53,751 |
| 1847-48..... | 24,336 | ..... | 1858-59..... | 82,572 | 30,127 | 1870-71..... | 289,775 | 51,026 |
| 1848-49..... | 22,243 | ..... | 1859-60..... | 131,487 | 59,177 | 1871-72..... | 857,309 | 110,464 |
| 1849-50..... | 23,397 | ..... | 1860-61..... | 157,509 | 69,075 | 1872-73..... | 428,060 | 61,577 |
| 1850-51..... | 44,308 | ..... | 1861-62..... | 247,187 | 94,436 | 1873-74..... | 395,934 | 117,349 |
| 1851-52..... | 58,317 | ..... | 1862-63..... | 134,933 | 25,415 | 1874-75..... | 836,410 | 98,245 |
| 1852-53..... | 13,670 | ..... | 1863-64..... | 137,852 | 24,340 | 1875-76..... | 500,515 | 178,408 |
| 1853-54..... | 29,592 | ..... | 1864-65..... | 190,567 | 15,000 | 1876-77..... | 427,145 | 148,263 |
| 1854-55..... | 53,164 | ..... | 1865-66..... | 406,188 | 54,381 | 1877-78..... | 374,637 | 125,018 |
| 1855-56..... | 158,220 | ..... | 1866-67..... | 409,171 | 106,319 | 1878-79..... | 489,780 | 153,859 |
| | | | 1867-68..... | 218,345 | 73,342 | | | |

W H E A T .

The growth in the business in wheat at Cincinnati, which was so marked in the preceding year, has continued through the past year, the receipts having been 3,834,722 bushels, compared with 3,405,113 in the preceding year, and the shipments 3,383,387, in comparison with 2,867,082 in 1877-78. Of these receipts, in 1878-79, 3,179,114 bushels came in the first two and last two months (including the last week in June) of the year, in comparison with 2,646,004 for the corresponding period of 1877-78, and 1,102,620 in 1876-77. The receipts in the last ten weeks of the commercial year of 1878-79, comprising the new crop, so far as it had then moved, aggregated 2,457,022 bushels, compared with 2,123,916 for the corresponding period of the preceding year, a gain which is alone about equal to the entire receipts by public conveyance thirty years ago. It is a somewhat noticeable fact, too, as showing the steady growth, from season to season, of the wheat trade here, that this gain represents 73 per cent. of the entire gain for the commercial year. If to these figures, as to receipts and shipments, were added the through freights, not embraced therein, it would swell the movement here to the following: Imports, 7,767,722 bushels, in comparison with 5,306,873 in the preceding year, and the shipments to 7,316,387 bushels, compared with 4,768,842. The attentive observer can not fail to see what an important relation Cincinnati sustains to the winter wheat-growing districts, and how each year more clearly defines her position as the natural granary for this part of the great crops of the West. It should not merely furnish encouragement to the grain trade of the city, but should also secure the largest facilities and most economical arrangements for the purpose of making this the future great winter wheat market of the country. The crops of both 1878 and 1879 were extraordinary, both in quantity and quality. In the latter year the yield to the acre, in the winter wheat region, was enormous, it having been no unusual thing to hear of 40 bushels to the acre, when the usual yield was from 12 to 15 bushels. Both crops were well harvested, though in Kentucky late rains injured the grain of 1879, more or less, while it was in the stack. Both crops, however, have generally reached here in good condition, and the year has been distinguished by liberal supplies, the quality of which has never been excelled.

The year has been noted for the lowest prices which have prevailed since 1861-62. After the advent of the new commercial year, prices declined until the middle of October, when red winter was quotable at 80@85 cents per bushel. Though prices were some better during the winter months, the market was a quiet one, and it was not until the approach of the warm season that there were indications of a material advance. About the middle of June, red winter was quotable at \$1 13@1 15, which was the highest point attained during the commercial year. The average quotation for red winter wheat, for the year, was 95.88 cents per bushel, in comparison with \$1 11.2 in 1877-78. The average price for No. 1 red winter wheat in 1861-62 was 86 cents, this being the only year in eighteen that furnished as low prices as the year 1878-79.

Table showing the average annual price of No. 1 red winter wheat, for seventeen years; of No. 2 in 1872-73 and 1873-74, and of the whole range, by sample, from 1874-75 to 1878-79, inclusive:

| | | | |
|--------------------|---------------------|---------------------------|-----------------------------|
| 1855-56.....\$1 27 | 1861-62 .....\$0 86 | 1867-68 .....\$2 31.25 | 1873-74, No. 2.....\$1 37.9 |
| 1856-57.....1 18 | 1862-63 .....1 04 | 1868-69 .....1 57 | 1874-75.....1 16.6 |
| 1857-58.....77 | 1863-64 .....1 41.5 | 1869-70 .....1 14.83 | 1875-76 .....1 10.17 |
| 1858-59.....1 15 | 1864-65 .....1 78.5 | 1870-71 .....1 27.37 | 1876-77 .....1 41.34 |
| 1859-60.....1 17 | 1865-66 .....2 27 | 1871-72 .....1 57.7 | 1877-78 .....1 11.2 |
| 1860-61.....93 | 1866-67 .....2 29 | 1872-73, No. 2.....1 56.3 | 1878-79.....95.88 |

Table showing the quotation for red winter wheat, by sample, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|-----------------|----------|-------------|-------------|---------------|-------------|-------------|-------------|
| September 3... | \$90@ 95 | \$1 10@1 20 | \$0 75@1 08 | March 4..... | \$1 00@1 04 | \$1 10@1 18 | \$1 40@1 53 |
| 10..... | 85@ 90 | 1 15@1 25 | 75@1 08 | 11..... | 1 00@1 03 | 1 10@1 15 | 1 40@1 53 |
| 17..... | 88@ 93 | 1 20@1 30 | 75@1 10 | 18..... | 1 00@1 03 | 1 10@1 15 | 1 45@1 58 |
| 24..... | 88@ 93 | 1 20@1 30 | 80@1 13 | 25..... | 1 00@1 05 | 1 10@1 17 | 1 50@1 65 |
| October 1..... | 88@ 92 | 1 20@1 28 | 90@1 15 | April 1..... | 1 00@1 05 | 1 15@1 25 | 1 50@1 60 |
| 8..... | *..... | 1 20@1 30 | *..... | 8..... | 1 03@1 07 | 1 12@1 15 | 1 60@1 70 |
| 15..... | 83@ 88 | 1 25@1 30 | 1 00@1 18 | 15..... | 1 00@1 04 | 1 12@1 17 | 1 60@1 75 |
| 22..... | 85@ 90 | 1 25@1 30 | 1 12@1 27 | 22..... | 1 00@1 05 | 1 12@1 18 | 1 90@2 00 |
| 29..... | 83@ 88 | 1 18@1 25 | 1 12@1 27 | 29..... | 1 00@1 05 | 1 12@1 21 | 1 90@2 05 |
| November 5..... | 85@ 90 | 1 15@1 27 | *..... | May 6..... | 1 00@1 06 | 1 12@1 18 | 1 90@2 10 |
| 12..... | 85@ 92 | 1 25@1 33 | 1 12@1 28 | 13..... | 1 05@1 09 | 1 12@1 18 | 1 85@2 00 |
| 19..... | 85@ 92 | 1 20@1 28 | 1 12@1 30 | 20..... | 1 05@1 10 | 1 12@1 18 | 1 75@1 90 |
| 26..... | 85@ 91 | 1 20@1 28 | 1 12@1 28 | 27..... | 1 04@1 09 | 1 00@1 10 | 1 60@1 70 |
| December 3..... | 85@ 93 | 1 18@1 25 | 1 10@1 30 | June 3..... | 1 05@1 10 | 1 00@1 05 | 1 50@1 75 |
| 10..... | 85@ 92 | 1 18@1 25 | 1 30@1 40 | 10..... | 1 09@1 12 | 90@1 00 | 1 85@1 95 |
| 17..... | 85@ 92 | 1 15@1 20 | 1 30@1 45 | 17..... | 1 10@1 15 | 85@1 03 | 1 65@1 85 |
| 24..... | 86@ 92 | *..... | 1 30@1 42 | 24..... | 1 00@1 05 | 85@1 05 | 1 75@1 95 |
| 31..... | 86@ 93 | *..... | 1 30@1 42 | July 1..... | 90@1 05 | 80@ 90 | 1 70@1 85 |
| January 7..... | 92@ 97 | 1 15@1 27 | 1 30@1 45 | 8..... | 95@1 05 | 70@ 88 | 1 45@1 52 |
| 14..... | 92@ 98 | 1 15@1 23 | 1 30@1 45 | 15..... | 95@1 04 | 80@ 92 | 1 20@1 30 |
| 21..... | 90@ 93 | 1 15@1 20 | 1 30@1 45 | 22..... | 95@1 00 | 80@ 92 | 1 20@1 30 |
| 28..... | 90@ 93 | 1 12@1 15 | 1 30@1 45 | 29..... | 90@ 99 | 80@ 95 | 1 15@1 25 |
| February 4..... | 90@ 93 | 1 12@1 18 | 1 30@1 45 | August 5..... | 92@ 99 | 85@ 92 | 1 10@1 25 |
| 11..... | 90@ 94 | 1 15@1 18 | 1 40@1 50 | 12..... | 90@ 98 | 90@ 95 | 1 10@1 28 |
| 18..... | 93@ 97 | 1 15@1 20 | 1 40@1 53 | 19..... | 85@ 94 | 90@ 95 | 1 10@1 20 |
| 25..... | 95@1 03 | 1 15@1 20 | 1 40@1 53 | 26..... | 85@ 93 | 85@ 90 | 1 05@1 18 |

*No session of the Chamber.

Table showing the weekly receipts and shipments of wheat, at Cincinnati, in two years:

| DATES. | Receipts. | | Shipments. | | DATES. | Receipts. | | Shipments. | |
|------------------|-----------|---------|------------|---------|---------------|-----------|---------|------------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 7..... | 144,624 | 81,366 | 169,568 | 75,584 | March 8..... | 22,878 | 19,726 | 6,800 | 24,223 |
| 14..... | 108,566 | 71,850 | 111,570 | 57,273 | 15..... | 21,577 | 15,833 | 13,041 | 22,010 |
| 21..... | 99,616 | 64,698 | 78,946 | 53,799 | 22..... | 12,008 | 39,694 | 6,078 | 30,408 |
| 28..... | 87,390 | 95,684 | 75,800 | 60,360 | 29..... | 14,468 | 41,540 | 11,003 | 38,150 |
| October 5..... | 79,383 | 56,943 | 70,922 | 46,279 | April 5..... | 15,268 | 39,803 | 10,070 | 36,161 |
| 12..... | 59,604 | 41,843 | 56,358 | 38,483 | 12..... | 12,639 | 84,301 | 10,000 | 23,824 |
| 19..... | 48,127 | 48,914 | 45,216 | 36,582 | 19..... | 12,864 | 41,966 | 5,296 | 29,873 |
| 26..... | 42,386 | 32,068 | 31,011 | 25,493 | 26..... | 9,550 | 30,603 | 5,235 | 23,100 |
| November 2..... | 52,396 | 28,722 | 41,271 | 16,370 | May 8..... | 9,619 | 38,422 | 6,000 | 31,274 |
| 9..... | 57,247 | 18,951 | 51,535 | 12,900 | 10..... | 17,579 | 27,184 | 5,420 | 27,874 |
| 16..... | 67,172 | 17,034 | 55,988 | 7,285 | 17..... | 24,408 | 35,303 | 18,056 | 25,088 |
| 23..... | 66,920 | 20,320 | 60,723 | 22,082 | 24..... | 20,391 | 32,818 | 16,616 | 15,670 |
| 30..... | 45,672 | 21,741 | 43,041 | 22,698 | 31..... | 10,184 | 16,438 | 8,988 | 20,612 |
| December 7..... | 28,848 | 17,263 | 21,718 | 12,428 | June 7..... | 7,107 | 13,585 | 4,534 | 13,124 |
| 14..... | 7,981 | 34,886 | 9,190 | 26,153 | 14..... | 5,908 | 11,466 | 6,050 | 11,323 |
| 21..... | 13,117 | 18,597 | 8,875 | 20,420 | 21..... | 14,799 | 17,441 | 3,586 | 13,550 |
| 28..... | 6,581 | 16,929 | 2,500 | 11,563 | 28..... | 20,236 | 40,314 | 12,800 | 20,275 |
| January 4..... | 6,933 | 10,073 | 5,600 | 7,305 | July 5..... | 67,218 | 100,341 | 37,623 | 65,710 |
| 11..... | 13,750 | 11,472 | 5,670 | 3,685 | 12..... | 365,219 | 196,726 | 231,791 | 118,633 |
| 18..... | 17,526 | 21,418 | 4,400 | 14,149 | 19..... | 529,878 | 327,026 | 448,861 | 243,661 |
| 25..... | 12,978 | 14,419 | 15,187 | 2,868 | 26..... | 445,846 | 361,404 | 397,388 | 360,965 |
| February 1..... | 12,193 | 8,704 | 21,421 | 12,346 | August 2..... | 325,509 | 291,051 | 336,408 | 269,528 |
| 8..... | 11,977 | 12,337 | 3,133 | 13,011 | 9..... | 246,589 | 228,679 | 273,615 | 246,418 |
| 15..... | 20,620 | 15,596 | 13,345 | 11,230 | 16..... | 156,063 | 287,371 | 165,220 | 210,093 |
| 22..... | 11,602 | 15,168 | 12,389 | 6,730 | 23..... | 165,431 | 192,474 | 151,130 | 194,466 |
| March 1..... | 23,059 | 21,956 | 10,340 | 15,550 | 30..... | 135,033 | 148,530 | 168,771 | 119,173 |

Table showing the receipts and shipments of wheat, at Cincinnati, for thirty-four years:

| YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. | YEARS. | Receipts, bush. | Shipments, bush. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1845-46..... | 434,486 | ..... | 1856-57..... | 737,723 | 394,920 | 1868-69..... | 1,075,348 | 702,622 |
| 1846-47..... | 590,809 | ..... | 1857-58..... | 1,211,543 | 631,660 | 1869-70..... | 1,195,341 | 806,775 |
| 1847-48..... | 570,813 | ..... | 1858-59..... | 1,274,685 | 609,848 | 1870-71..... | 866,459 | 409,893 |
| 1848-49..... | 385,388 | ..... | 1859-60..... | 1,057,118 | 321,495 | 1871-72..... | 782,144 | 323,405 |
| 1849-50..... | 822,699 | ..... | 1860-61..... | 1,129,007 | 525,665 | 1872-73..... | 860,454 | 412,722 |
| 1850-51..... | 288,600 | ..... | 1861-62..... | 2,174,924 | 1,293,680 | 1873-74..... | 1,221,176 | 783,990 |
| 1851-52..... | 377,037 | ..... | 1862-63..... | 1,741,491 | 1,177,108 | 1874-75..... | 1,135,388 | 600,622 |
| 1852-53..... | 343,649 | ..... | 1863-64..... | 1,650,759 | 948,737 | 1875-76..... | 1,052,952 | 558,252 |
| 1853-54..... | 408,084 | ..... | 1864-65..... | 1,678,895 | 686,893 | 1876-77..... | 1,436,851 | 961,751 |
| 1854-55..... | 437,412 | ..... | 1865-66..... | 1,545,892 | 573,775 | 1877-78..... | 3,405,113 | 2,867,082 |
| 1855-56..... | 1,069,468 | ..... | 1866-67..... | 1,474,987 | 972,982 | 1878-79..... | 3,834,722 | 3,383,387 |
| | | | 1867-68..... | 780,933 | 405,349 | | | |

GROCERIES.

The permanently improved condition of the business in groceries manifested itself earlier than in some other leading departments of trade. There was a conviction in the minds of grocers, one year ago, that we had entered on an improved condition, and nothing transpired during the year to show that this impression was not well founded. There was a good, healthy trade throughout the winter, while in the spring and summer there was such a decided improvement in all the aspects of the grocery trade, that there were few who did not feel that we had fully entered upon a period of better times. Though the average prices of leading groceries were still lower than the preceding year, it did not detract from the faith which was generally enjoyed in the improvement, and toward the close there were evidences of a stronger market in almost all articles in the grocers' line. The percentage of bad debts has been very small. The merchants from the interior have paid up well, and have of late shown their faith in the stability of prices and the security of the future, by purchasing with confidence all needed supplies. There, however, has been little, if any, disposition to engage in speculation. Goods mainly have been bought to meet present wants, the year having been marked more by frequency of purchases than by large ones. In fancy groceries, particularly during the latter part of the year, there was unusual activity and strong markets. There can be no doubt that the year's business in groceries, both in quantity and value, will foot up larger than the preceding year, and that the new year opens encouragingly. The ability of the people to buy necessities; the strength to values; the financial solidity of dealers, which has been tried in the storms of the preceding years, and the enlargement of our field of enterprise, by the opening of our great highway to the South, soon to take place, all combine to give large promise for the coming year.

COFFEE.

There has been an increased business in coffee over the preceding year, with a fair profit to our dealers. Owing to low prices, and a general improvement in the ability of the people to buy, there has been a generally increased consumption. There was less Laguayra, Central American and Mexican coffee here than usual, though, on account of the low price of Mocha, a larger business than usual has been transacted in that variety. The crop of Brazil, in 1877-78, which was probably the largest ever raised, was, in round numbers, 4,500,000 bags. The crop of 1878-79 will be much less,

being estimated from 3,000,000 to 3,500,000 bags. The latter, so far as the same has arrived, is of excellent quality and style. During the first half of the commercial year there was a declining market, until the lowest prices were touched since 1860-61. Since then, the market has been steadily improving, with a wholesome demand and a growing confidence in the future. The average quotation has been the lowest in a period of nineteen years, having been 16.65 cents per pound for prime Rio, in comparison with 20 cents in the preceding year, and 14.57 cents in 1860-61.

The receipts at Cincinnati in the past year aggregated 222,399 bags, in comparison with 211,026 in the previous year, and the shipments 177,575 bags, compared with 175,986. The receipts of coffee for the calendar year of 1878, at all United States ports, exclusive of the Pacific slope, which received 15,398,252 pounds, aggregated 329,347,200 pounds, in comparison with 341,214,438 in 1877, and 267,792,141 in 1876. The consumption of the United States, not embracing the Pacific States, which consumed 12,196,553 pounds, was 318,913,280 pounds, compared with 304,430,145 in 1877, and 302,530,219 in 1876. The stock in first hands, January 1, 1879, at all United States ports, not including the Pacific, which showed a stock of 2,034,504, was 25,838,400 pounds, in comparison with 31,529,620 at the corresponding period of 1878, and 4,022,852 in 1877.

Table showing the price of prime Rio coffee, at Cincinnati, on Tuesday of each week, in three years:

| 1878-79 | | | | 1877-78 | | | | 1876-77 | | | |
|-----------|----|--------------|------------------|--------------|--------|----|----------|--------------|--------------|--|--|
| DATES. | | | | DATES. | | | | DATES. | | | |
| September | 3 | 17 1/2 @ 18c | 21 3/4 @ 21 1/2c | 21 @ 21 1/2c | March | 4 | 17 @ 18c | 20 @ 20 1/2c | 22 1/2 @ 22c | | |
| | 10 | 17 1/2 @ 18c | 21 3/4 @ 21 1/2c | 21 @ 21 1/2c | | 11 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 17 | 17 1/2 @ 18c | 21 3/4 @ 21 1/2c | 21 @ 21 1/2c | | 18 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 24 | 18 1/2 | 21 3/4 @ 21 1/2c | 21 @ 21 1/2c | | 25 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| October | 1 | 18 1/2 | 21 3/4 @ 21 1/2c | 21 @ 21 1/2c | April | 1 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 8 | 18 1/2 | 21 3/4 @ 21 1/2c | 21 @ 21 1/2c | | 8 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 15 | 18 1/2 | 21 @ 22c | 21 @ 21 1/2c | | 15 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 22 | 18 1/2 | 21 @ 22c | 21 @ 21 1/2c | | 22 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 29 | 18 1/2 | 21 @ 22c | 21 @ 21 1/2c | | 29 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| November | 5 | 18 1/2 | 21 @ 22c | 21 @ 21 1/2c | May | 6 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 12 | 17 1/2 @ 18c | 21 @ 22c | 21 @ 21 1/2c | | 13 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 19 | 17 1/2 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | | 20 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| | 26 | 17 1/2 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | | 27 | 15 @ 16c | 19 1/2 @ 20c | 22 1/2 @ 22c | | |
| December | 3 | 17 1/2 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | June | 3 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 10 | 17 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | | 10 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 17 | 17 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | | 17 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 24 | 17 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | | 24 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| January | 31 | 17 @ 18c | 21 @ 21 1/2c | 21 @ 21 1/2c | July | 1 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 7 | 17 @ 18c | 20 1/2 @ 21c | 23 @ 23 1/2c | | 8 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 14 | 17 @ 18c | 20 1/2 @ 21c | 23 @ 23 1/2c | | 15 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 21 | 17 @ 18c | 20 1/2 @ 21c | 23 @ 23 1/2c | | 22 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 28 | 17 @ 18c | 20 1/2 @ 21c | 23 @ 23 1/2c | | 29 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| February | 4 | 17 @ 18c | 20 1/2 @ 21c | 23 @ 23 1/2c | August | 5 | 15 @ 16c | 18 @ 18 1/2c | 22 1/2 @ 22c | | |
| | 11 | 17 @ 18c | 20 1/2 @ 21c | 23 @ 23 1/2c | | 12 | 15 @ 16c | 17 1/2 @ 18c | 21 1/2 @ 22c | | |
| | 18 | 17 @ 18c | 20 @ 20 1/2c | 23 @ 23 1/2c | | 19 | 15 @ 16c | 17 1/2 @ 18c | 21 1/2 @ 22c | | |
| | 25 | 17 @ 18c | 20 @ 20 1/2c | 22 1/2 @ 23c | | 26 | 15 @ 16c | 17 1/2 @ 18c | 21 1/2 @ 22c | | |

*No session of the Chamber.

Table showing the average annual quotations for prime Rio coffee, at Cincinnati, for twenty-four years:

| | | | | | | | |
|---------|-------|---------|-------|---------|--------|---------|--------|
| 1855-56 | 12.5c | 1861-62 | 20c | 1867-68 | 25.25c | 1873-74 | 27.49c |
| 1856-57 | 11.8 | 1862-63 | 30.4 | 1868-69 | 24.6 | 1874-75 | 23.07 |
| 1857-58 | 11.6 | 1863-64 | 40 | 1869-70 | 22.62 | 1875-76 | 24.12 |
| 1858-59 | 12.1 | 1864-65 | 38.25 | 1870-71 | 19.25 | 1876-77 | 22.19 |
| 1859-60 | 12.67 | 1865-66 | 30.66 | 1871-72 | 23.66 | 1877-78 | 20 |
| 1860-61 | 14.57 | 1866-67 | 28.75 | 1872-73 | 23.64 | 1878-79 | 16.65 |

Table showing the comparative prices of all grades of coffee, at Cincinnati, at the close of August, in six years :

| GRADES. | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 |
|-----------------------------|------------------|-------------|-----------------|--------------|-----------------|--------------|
| Rio, common, per pound..... | 10 1/4 @ 11 3/4c | 14 @ 15c | 19 @ 19 1/4c | 18 1/2 @ 19c | 21 1/4 @ 22c | 21 1/2 @ 22c |
| Rio, fair, "..... | 12 @ 15 | ..... | ..... | ..... | ..... | ..... |
| Rio, good, "..... | 14 @ 14 1/4 | 16 1/2 @ 17 | 20 1/4 @ 20 1/2 | 20 @ 21 | 23 @ 23 1/2 | 24 @ 24 1/2 |
| Rio, prime, "..... | 15 @ 16 | 17 1/2 @ 18 | 21 1/4 @ 22 1/4 | 21 @ 21 1/2 | 24 1/4 @ 24 1/2 | 24 @ 24 1/2 |
| Rio, choice, "..... | 16 1/2 @ 17 1/2 | 18 1/2 | 22 1/4 @ 23 1/4 | 22 @ 23 | 25 @ 25 1/2 | 25 @ 25 1/2 |
| Rio, fancy, "..... | 19 @ 20 | 20 @ 22 | 24 1/4 @ 25 1/4 | 23 | 25 1/2 @ 26 | 26 @ 27 |
| Java, Government "..... | 25 @ 28 | 24 @ 28 | 28 @ 33 | 27 @ 50 | 33 1/2 @ 36 | 32 @ 35 |
| Laguayra, "..... | 14 @ 16 | 17 @ 18 | 22 @ 24 | 22 @ 23 | 21 1/2 @ 26 1/2 | 23 @ 25 |
| Mocha, "..... | 25 @ 27 | ..... | ..... | ..... | ..... | ..... |

Table showing the weekly movement of coffee, at Cincinnati, for two years :

| DATES. | IMPORTS. | | EXPORTS. | | DATES. | IMPORTS. | | EXPORTS. | |
|----------------|----------|---------|----------|---------|--------------|----------|---------|----------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 7... | 1,801 | 4,056 | 1,492 | 3,854 | March 8.... | 1,472 | 3,072 | 1,511 | 1,514 |
| 14... | 4,770 | 6,167 | 4,144 | 1,863 | 15.... | 11,520 | 4,564 | 11,241 | 3,390 |
| 21... | 3,069 | 5,165 | 1,379 | 2,702 | 22.... | 2,136 | 4,300 | 2,349 | 2,258 |
| 28... | 7,880 | 6,545 | 7,608 | 4,080 | 29.... | 8,180 | 4,765 | 6,818 | 7,556 |
| October 5... | 2,624 | 4,332 | 1,462 | 3,802 | 5.... | 2,610 | 3,157 | 1,920 | 2,151 |
| 12... | 5,026 | 3,535 | 4,073 | 3,737 | 12.... | 5,358 | 4,016 | 4,940 | 4,584 |
| 19... | 1,487 | 4,186 | 1,324 | 4,250 | 19.... | 4,556 | 1,184 | 1,458 | 1,731 |
| 26... | 8,999 | 2,904 | 7,631 | 2,019 | 26.... | 4,626 | 5,685 | 3,931 | 4,580 |
| November 2... | 1,780 | 5,633 | 5,710 | 5,628 | 3.... | 2,893 | 2,365 | 1,577 | 1,706 |
| 9... | 6,128 | 2,818 | 6,521 | 2,001 | 10.... | 8,472 | 7,290 | 2,678 | 6,534 |
| 16... | 2,800 | 5,225 | 1,755 | 5,120 | 17.... | 2,585 | 3,135 | 1,710 | 1,931 |
| 23... | 7,237 | 2,008 | 6,843 | 2,525 | 24.... | 3,362 | 7,319 | 2,663 | 5,461 |
| 30... | 2,094 | 4,940 | 1,944 | 5,271 | 31.... | 3,675 | 1,116 | 1,586 | 1,613 |
| December 7... | 7,679 | 3,218 | 7,276 | 1,895 | 7.... | 2,450 | 4,950 | 2,976 | 5,238 |
| 14... | 1,956 | 4,132 | 1,851 | 2,082 | 14.... | 1,815 | 2,912 | 1,440 | 1,493 |
| 21... | 7,366 | 8,203 | 3,729 | 8,719 | 21.... | 4,601 | 4,833 | 3,932 | 4,518 |
| 28... | 3,576 | 2,453 | 981 | 2,028 | 28.... | 1,680 | 4,201 | 1,417 | 1,627 |
| January 4... | 4,770 | 2,809 | 3,475 | 1,419 | 5.... | 2,760 | 4,105 | 3,257 | 2,835 |
| 11... | 2,040 | 3,617 | 1,069 | 2,460 | 12.... | 2,025 | 2,334 | 1,326 | 1,459 |
| 18... | 7,030 | 2,638 | 6,100 | 2,192 | 19.... | 6,635 | 4,319 | 4,638 | 4,515 |
| 25... | 1,009 | 5,068 | 1,447 | 4,252 | 26.... | 3,226 | 2,026 | 1,533 | 1,835 |
| February 1... | 5,178 | 3,024 | 5,269 | 1,038 | August 2.... | 5,703 | 4,636 | 2,990 | 4,917 |
| 8... | 4,290 | 3,842 | 1,968 | 2,479 | 9.... | 2,172 | 1,790 | 1,390 | 1,580 |
| 15... | 10,987 | 2,492 | 9,004 | 2,402 | 16.... | 5,882 | 8,038 | 5,795 | 6,981 |
| 22... | 1,525 | 2,894 | 1,562 | 1,820 | 23.... | 1,836 | 1,128 | 2,146 | 1,677 |
| March 1... | 6,901 | 5,523 | 5,802 | 5,994 | 30.... | 5,241 | 4,909 | 8,718 | 4,753 |

Table showing the annual movement of coffee, at Cincinnati, for thirty-four years :

| YEARS. | Receipts, bags. | Shipments, bags. | YEARS. | Receipts, bags. | Shipments, bags. | YEARS. | Receipts, bags. | Shipments, bags. |
|--------------|-----------------|------------------|--------------|-----------------|------------------|--------------|-----------------|------------------|
| 1845-46..... | 55,469 | 10,366 | 1856-57..... | 102,405 | 49,694 | 1868-69..... | 171,994 | 102,615 |
| 1846-47..... | 59,337 | 13,037 | 1857-58..... | 129,129 | 68,744 | 1869-70..... | 212,761 | 155,091 |
| 1847-48..... | 80,242 | 18,587 | 1858-59..... | 143,452 | 66,617 | 1870-71..... | 218,043 | 160,835 |
| 1848-49..... | 74,961 | 18,909 | 1859-60..... | 129,930 | 90,163 | 1871-72..... | 144,222 | 98,295 |
| 1849-50..... | 67,170 | 22,030 | 1860-61..... | 160,683 | 109,262 | 1872-73..... | 144,887 | 97,815 |
| 1850-51..... | 91,177 | 58,158 | 1861-62..... | 117,032 | 110,258 | 1873-74..... | 148,213 | 116,796 |
| 1851-52..... | 95,732 | 43,054 | 1862-63..... | 101,083 | 104,078 | 1874-75..... | 198,021 | 126,242 |
| 1852-53..... | 109,198 | 67,122 | 1863-64..... | 124,729 | 107,773 | 1875-76..... | 192,495 | 117,590 |
| 1853-54..... | 91,425 | 48,634 | 1864-65..... | 173,792 | 124,576 | 1876-77..... | 186,844 | 158,590 |
| 1854-55..... | 114,113 | 42,283 | 1865-66..... | 211,028 | 140,890 | 1877-78..... | 211,026 | 175,986 |
| 1855-56..... | 92,086 | 37,603 | 1866-67..... | 244,855 | 155,869 | 1878-79..... | 222,399 | 177,575 |
| | | | 1867-68..... | 163,804 | 112,964 | | | |

MOLASSES.

The crop of Louisiana molasses turned out well in 1878-79, exceeding in quantity the early expectation of the trade. The excellent character of the sugar promised a considerable reduction in the production of molasses, and, though the crop at last fell somewhat behind the previous year, it was a larger yield than many anticipated. According to the figures of A. Boucherau, Esq., of New Orleans, acknowledged authority on the sugar and molasses crops of Louisiana, the production of Louisiana molasses, for the year 1878-79, was 13,218,404 gallons, in comparison with 14,237,280 gallons in 1877-78 and 12,024,108 in 1876-77. The preceding year having been unprofitable, the past year was not entered on with enthusiasm. The quality of the molasses was, however, exceptionally fine, which, coupled with the low prices that prevailed, gave the article a wide distribution. Prices touched the lowest point in seventeen years, and the general average was the lowest since 1861-62, when the average quotation for prime New Orleans molasses, at Cincinnati, was 33.5 cents per gallon. The average quotation for the same grade for 1878-79 was 36.64 cents, in comparison with 45.13 in 1877-78. As showing the great changes which have taken place since the abnormal condition of the war period, it may be remarked that the average price of the same grade of molasses in 1864-65 was \$1 35.5 per gallon, showing that in the past year it was but little over one-fourth the price of that time. Contrasted on the other side are the low prices of 1853-54, when large quantities of molasses were sold in this market at 16@18 cents per gallon, though in the regular way, at the same time, it was quotable at about 20 cents. A growing tendency here, is the shipment of molasses directly consigned from the plantations for disposition in this city. Probably 5,000 barrels were so consigned last year with satisfactory results. The quantity of pure syrups sold here in the past year was the least in a number of years. There has been a fair quantity of mixed corn and sugar syrups of good quality, which, on account of their cheapness, have been largely preferred to the pure sugar syrups. The aggregate imports of molasses at this city in the past year was 42,337 barrels, in comparison with 51,572 in 1877-78, and 44,077 in 1876-77, and the exports 35,800 barrels, compared with 34,234 in 1877-78, and 27,477 in 1876-77. The year closes with very light stocks here, and the market well prepared to enter on the new year with hopefulness and vigor.

The total receipts of foreign molasses at all United States ports, not embracing the Pacific slope, for the calendar year of 1878, was 29,668,245 gallons, in comparison with 28,734,848 in 1877, and 37,246,394 in 1876. The consumption of cane molasses in the United States in 1878 (not including the Pacific slope) was 43,812,509 gallons, (foreign, 28,662,509; domestic, 15,150,000), compared with 39,965,906 gallons, (foreign, 27,065,906; domestic, 12,900,000), in 1877, and 48,809,504 gallons, (foreign, 36,459,504; domestic, 12,350,000) in 1876. The stock of foreign molasses on hand at all United States ports, exclusive of the Pacific slope, January 1, 1879, was 757,830 gallons, compared with 966,300 and 367,500 at the corresponding period of the years 1878 and 1877, respectively.

Table showing the average annual quotations, at Cincinnati, for prime New Orleans molasses, per gallon, for twenty-four years:

| | | | | | | | |
|--------------|--------|--------------|--------|--------------|--------|--------------|-----------|
| 1855-56..... | \$0 44 | 1861-62..... | \$0 44 | 1867-68..... | \$0 95 | 1873-74..... | \$0 70.14 |
| 1856-57..... | 67.6 | 1862-63..... | 57.83 | 1868-69..... | 80.33 | 1874-75..... | 67.33 |
| 1857-58..... | 36.8 | 1863-64..... | 84.5 | 1869-70..... | 89.14 | 1875-76..... | 57.46 |
| 1858-59..... | 37.8 | 1864-65..... | 35.5 | 1870-71..... | 68.5 | 1876-77..... | 55.48 |
| 1859-60..... | 43 | 1865-66..... | 99 | 1871-72..... | 61.9 | 1877-78..... | 45.13 |
| 1860-61..... | 33.5 | 1866-67..... | 81 | 1872-73..... | 72.22 | 1878-79..... | 36.64 |

Table showing the quotations, at Cincinnati, for prime New Orleans molasses, per gallon, on Tuesday of each week, in three years :

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 36c | 53@55c | 55@58c | March 4..... | 35c | 42@44c | 54@56c |
| 10..... | 36 | 53@55 | 55@58 | 11..... | 36 | 42@44 | 54@56 |
| 17..... | 36 | 50@52 | 55@58 | 18..... | 35 | 42@44 | 54@56 |
| 24..... | 38@40 | 50@52 | 52@55 | 25..... | 35 | 42@44 | 54@56 |
| October 1..... | 38@40 | 50@52 | 52@55 | April 1..... | 35 | 42@44 | 54@56 |
| 8..... | * | 50@52 | * | 8..... | 35@37 | 42@44 | 54@56 |
| 15..... | 38@40 | 50@52 | 52@55 | 15..... | 35@37 | 42@44 | 54@56 |
| 22..... | 38 | 50@52 | 52@55 | 22..... | 35@37 | 42@44 | 54@56 |
| 29..... | 38 | 50@52 | 52@55 | 29..... | 35@37 | 42@44 | 54@56 |
| November 5..... | 38 | 49@51 | * | May 6..... | 35@37 | 42@44 | 54@56 |
| 12..... | 38@40 | 49@51 | 60@62 | 13..... | 35@37 | 42@44 | 54@56 |
| 19..... | 38@40 | 45@46 | 60@62 | 20..... | 35@37 | 42@44 | 54@56 |
| 26..... | 37 | 45@46 | 60@62 | 27..... | 35@37 | 42@44 | 54@56 |
| December 3..... | 37 | 45@46 | 60@62 | June 3..... | 35@37 | 38@40 | 54@56 |
| 10..... | 37 | 46@48 | 55 | 10..... | 35@37 | 38@40 | 54@56 |
| 17..... | 37 | 46@48 | 55@54 | 17..... | 35@37 | 38@40 | 54@56 |
| 24..... | 37 | * | 53@54 | 24..... | 35@37 | 38@40 | 54@56 |
| 31..... | 37 | * | 57@58 | July 1..... | 36@38 | 38@40 | 54@56 |
| January 7..... | 37 | 50 | 57@58 | 8..... | 36@38 | 38@40 | 54@56 |
| 14..... | 37 | 50 | 55@58 | 15..... | 36@38 | 38@40 | 54@56 |
| 21..... | 37 | 50 | 57@58 | 22..... | 36@38 | 38@40 | 54@56 |
| 28..... | 37 | 50 | 57@58 | 29..... | 36@38 | 38@40 | 53@55 |
| February 4..... | 37 | 50 | 54@56 | August 5..... | 36@38 | 38@40 | 52@55 |
| 11..... | 35 | 50 | 54@56 | 12..... | 36@38 | 38@40 | 53@55 |
| 18..... | 35 | 48@50 | 54@56 | 19..... | 36@38 | 38@40 | 55@55 |
| 25..... | 35 | 48@50 | 54@56 | 26..... | 36@38 | 36 | 53@55 |

*No session of the Chamber.

Table showing the aggregate annual movement of molasses and syrups of all kinds, at Cincinnati, for thirty-four years :

| YEARS. | Receipts, bbls. | Shipments, bbls. | YEARS. | Receipts, bbls. | Shipments, bbls. | YEARS. | Receipts, bbls. | Shipments, bbls. |
|--------------|-----------------|------------------|--------------|-----------------|------------------|--------------|-----------------|------------------|
| 1845-46..... | 36,510 | 6,469 | 1856-57..... | 43,682 | 23,576 | 1868-69..... | 38,498 | 18,322 |
| 1846-47..... | 27,218 | 9,046 | 1857-58..... | 72,369 | 43,233 | 1869-70..... | 39,793 | 27,175 |
| 1847-48..... | 51,001 | 18,332 | 1858-59..... | 116,193 | 69,999 | 1870-71..... | 41,070 | 19,650 |
| 1848-49..... | 52,591 | 17,750 | 1859-60..... | 91,807 | 51,814 | 1871-72..... | 31,147 | 18,655 |
| 1849-50..... | 54,003 | 25,878 | 1860-61..... | 71,698 | 51,776 | 1872-73..... | 34,776 | 18,331 |
| 1850-51..... | 61,490 | 25,098 | 1861-62..... | 21,865 | 25,559 | 1873-74..... | 38,835 | 24,616 |
| 1851-52..... | 93,132 | 48,866 | 1862-63..... | 38,034 | 19,594 | 1874-75..... | 43,698 | 27,212 |
| 1852-53..... | 115,112 | 65,056 | 1863-64..... | 33,200 | 20,782 | 1875-76..... | 46,199 | 26,860 |
| 1853-54..... | 86,430 | 63,381 | 1864-65..... | 37,998 | 26,029 | 1876-77..... | 44,077 | 27,477 |
| 1854-55..... | 56,237 | 45,150 | 1865-66..... | 19,947 | 15,129 | 1877-78..... | 51,572 | 34,234 |
| 1855-56..... | 55,174 | 37,324 | 1866-67..... | 15,452 | 9,477 | 1878-79..... | 42,337 | 35,800 |
| | | | 1867-68..... | 35,024 | 16,391 | | | |

Table showing the quotations, at Cincinnati, for the various kinds of molasses and syrups, per gallon, at the close of August, in three years :

| MOLASSES. | 1879 | 1878 | 1877 | MOLASSES. | 1879 | 1878 | 1877 |
|--------------------------|--------|--------|-------|-----------------------|-------|-------|-------|
| New Orleans, choice..... | 40@42c | 42@45c | 56@58 | New Orleans, common.. | 30@31 | 28 | 45@47 |
| " " prime..... | 38@40 | 38@40 | 53@55 | Syrups, common..... | 37@40 | 37@40 | 33@36 |
| " " good..... | 35@36 | 35@37 | 50@52 | Syrups, medium..... | 40@45 | 15@48 | 45@53 |
| " " fair..... | 33 | 30@33 | 48@50 | Syrups, choice..... | 50@55 | 50@60 | 60@65 |

RICE.

The usual business in rice has been transacted in this city during the past year, mainly in Louisiana rice, which each year, because of better culture and improved processes of cleaning and milling, is becoming more acceptable to consumers. There appears no reason why, in the future, with good crops, Louisiana may not supply the main demand in the central parts of the United States. Carolina rice has been, in this market, in comparatively limited quantities, while of the foreign there have been very slender supplies, and the demand has been light. Prices have been low and quite uniform, although toward the close of the year, on account of diminished supplies, there was considerable appreciation. The average quotation for Carolina rice, per pound, for the year, was 7.15 cents per pound, in comparison with 7.26 cents in 1877-78, 6.8 in 1876-77, 7.58 in 1875-76, 8.3 in 1874-75, 8.88 in 1873-74, and 9.14 in 1872-73. The receipts during the past year, at this city, were 10,201 packages, in comparison with 10,781 in the preceding year.

The crop of Louisiana rice for the year 1878-79, according to the figures of Alcee Boucherau, Esq., was 159,097 barrels of 230 pounds each, making 36,592,310 pounds, compared with 152,524 barrels or 35,080,520 pounds in 1877-78, 176,826 barrels or 40,669,980 pounds in 1876-77, 169,264 barrels or 38,930,720 pounds in 1875-76, and 104,963 barrels in 1874-75. The crop of rice, in South Carolina and Georgia, in 1878-79, though promising to be larger than the preceding year, was overtaken by a violent storm before harvest, which did such damage that the yield did not come up to public expectation. The crop in South Carolina aggregated 42,174 tierces, compared with 44,877 in 1877-78, 48,234 in 1876-77, 45,591 in 1875-76, 47,268 in 1874-75, and of Georgia rice, 30,729 tierces, in comparison with 29,857 in 1877-78, 26,763 in 1876-77, 25,177 in 1875-76, and 21,671 in 1874-75.

Table showing the quotations, at Cincinnati, for Carolina rice, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|-------------------|-----------------|-------------------|---------------|-----------------|-------------|-----------------|
| September 3..... | 7 @ 7 1/2 c | 7 1/2 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | March 4..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 10..... | 7 @ 7 1/2 c | 7 1/2 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 11..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 17..... | 8 1/2 @ 7 1/2 c | 7 1/2 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 18..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 24..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 25..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| October 1..... | 7 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | April 1..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 8..... | * 7 @ 7 1/2 c | 7 @ 7 1/2 c | * 6 1/2 @ 7 1/2 c | 8..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 15..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 15..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 22..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 22..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 29..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 29..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| November 5..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | * 6 1/2 @ 7 1/2 c | May 6..... | 7 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 12..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 13..... | 7 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c |
| 19..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 20..... | 7 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 26..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | 27..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| December 3..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c | June 3..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 10..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 10..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 17..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 17..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 24..... | 6 1/2 @ 7 1/2 c | * 7 @ 7 1/2 c | 6 @ 7 c | 24..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 31..... | * 6 1/2 @ 7 1/2 c | * 7 @ 7 1/2 c | 6 @ 7 c | July 1..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| January 7..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 8..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 14..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 15..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 21..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 22..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 1/2 @ 7 1/2 c |
| 28..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 29..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 7 @ 7 1/2 c |
| February 4..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | August 5..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 7 @ 7 1/2 c |
| 11..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 12..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 7 @ 7 1/2 c |
| 18..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 19..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 7 1/2 @ 7 1/2 c |
| 25..... | 6 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 6 @ 7 c | 26..... | 7 1/2 @ 7 1/2 c | 7 @ 7 1/2 c | 7 1/2 @ 7 1/2 c |

*No session of the Chamber.

†Louisiana.

Table showing the annual receipts of rice, at Cincinnati, for thirty-four years:

| YEARS. | Tierces. | YEARS. | Tierces. | YEARS. | Tierces. | YEARS. | Tierces. |
|---------------|----------|---------------|----------|---------------|----------|---------------|----------|
| 1845-46 | 3,140 | 1853-54 | 3,242 | 1862-63 | 9,726 | 1871-72 | 4,194 |
| 1846-47 | 1,145 | 1854-55 | 3,899 | 1863-64 | 7,964 | 1872-73 | 5,780 |
| 1847-48 | 2,494 | 1855-56 | 4,442 | 1864-65 | 5,140 | 1873-74 | 7,560 |
| 1848-49 | 3,265 | 1856-57 | 4,285 | 1865-66 | 3,489 | 1874-75 | 8,214 |
| 1849-50 | 3,556 | 1857-58 | 3,794 | 1866-67 | 3,484 | 1875-76 | 18,174 |
| 1850-51 | 4,783 | 1858-59 | 6,265 | 1867-68 | 3,972 | 1876-77 | 17,561 |
| 1851-52 | 3,782 | 1859-60 | 4,499 | 1868-69 | 4,107 | 1877-78 | 10,781 |
| 1852-53 | 5,346 | 1860-61 | 4,257 | 1869-70 | 4,915 | 1878-79 | 10,201 |
| | | 1861-62 | 9,036 | 1870-71 | 5,119 | | |

SUGAR.

The crop of Louisiana sugar last year was the largest in quantity and best in quality in many years, and was marketed at low prices. Both quality and price were such that the demand was unusually large throughout the West and North, leaving at the close of the year small stocks, which were going off at good prices, and affording dealers generally a year's work with satisfactory results. Our purchases at New Orleans in the winter were about the same with the previous year. The distribution of sugar directly from New Orleans to the larger points, which were once supplied from Cincinnati, is, however, a noticeable tendency of the business, so that during the past year our jobbers have possibly sold less to the large dealers, though more has been supplied to the retail trade. On the other hand, the consigning of sugar directly to Cincinnati from the plantations, to be disposed of through auction sales here, which has been pursued during the past year or two, has introduced a new factor in the sugar business of the city, and been of decided advantage to this market. A number of whole cargoes were brought here during the winter, and were disposed of at prices entirely satisfactory to the planters. There appears no reason why this should not steadily increase, stimulated as it is by the interest both of the planters and of this city. There can be no doubt that, with the improved processes and larger care in the manufacture of this sugar, it will become each year more acceptable to consumers. During the past year, a larger proportion of clarified New Orleans sugars, both yellow and white, was sold here. Prices being very low, and the grain fine and stylish, these sugars competed successfully with the Eastern refined. The latter has been here in less quantity than in the previous year, traceable to the successful competition which the refined sugars of Louisiana has furnished, and to the short crop of small fruits in this locality. A larger proportion of granulated sugar than ordinary has been sold because of the near approximation in price to the "A White," the difference, during much of the year, having been only about $\frac{1}{4}$ cent per pound. Foreign sugar, if any were here during the year, was in such limited quantities as not to merit mention. The aggregate receipts of sugar for the past year were equivalent to 286,341 barrels, compared with 252,582 in 1877-78, 274,090 in 1876-77, 240,220 in 1875-76, 215,807 in 1874-75, and the shipments 200,665 barrels, compared with 164,650 in 1877-78, 198,196 in 1876-77, 161,902 in 1875-76, and 128,750 in 1874-75. The net receipts in the past year were equivalent to 85,676 barrels, compared

with 87,932 barrels in 1877-78. As will be seen from the tables furnished, the prices of sugars have been the lowest in a period of eighteen years. The average quotation for prime New Orleans sugar, in this market, for the year, was 7.36 cents per pound, compared with 8.4 cents in 1877-78. The average in 1860-61, which was the latest preceding year showing an average as low, was 6.8. The average for New Orleans good fair, in the last year, was 6.56 cents, compared with 7.45 in 1877-78, 9.68 in 1876-77, and 8.34 in 1875-76. The average for "A White" was 9.02 cents, in comparison with 10.08 in 1877-78, 11.65 in 1876-77, and 10.6 in 1875-76; and for "Hards" 9.73 cents, compared with 10.93 in 1877-78, 12.52 in 1876-77, and 11.44 in 1875-76. The relatively lower prices for hard refined sugar is seen in the difference between the averages for the different grades in the past two years, "A White" having been 1.06 cent per pound, and prime New Orleans 1.04 cent per pound less in the general average than in 1877-78, whereas the Hards were 1.20 cent per pound less. In the preceding two years the differences between the averages was scarcely perceptible.

The crop of Louisiana sugar in 1878-79, according to the valuable report of A. Boucherau, Esq., of New Orleans, was 213,221 hogsheads, weighing 239,478,753 pounds net, compared with 127,753 hogsheads, weighing 147,101,941 pounds, in the previous year, the crop of 1878-79 having been the largest since 1861-62, when it was 459,410 hogsheads. The receipts of foreign sugar at all United States ports, not including the ports of the Pacific, for the calendar year of 1878, according to the report of the Shipping and Commercial List of New York, aggregated 650,766 tons of 2,240 pounds each, or 1,457,715,840 pounds, compared with 646,499 tons in 1877, 592,153 tons in 1876, and 662,672 tons in 1875. The total consumption of domestic and cane sugar in the United States, not including the Pacific slope, for 1878 was 684,896 tons (foreign, 613,896 tons; domestic, 71,000 tons), or 1,534,167,040 pounds, in comparison with 666,194 tons (foreign, 577,194, domestic, 89,000) in 1877, 658,369 tons (foreign, 581,369; domestic, 77,000) in 1876, and 685,352 tons (foreign, 621,852; domestic, 63,500) in 1875. The stock of foreign sugar at all ports, except the Pacific, not including that held by refineries, January 1, 1879, was 53,176 tons, compared with 50,639 January 1, 1878, 25,277 January 1, 1877, 46,814 January 1, 1876, and 50,133 January 1, 1875. The receipts of sugar at San Francisco for 1878 were 92,687,404 pounds, compared with 58,603,181 in 1877, and the consumption 76,284,354 in 1878, compared with 67,207,049 in 1877. The entire consumption of the United States of sugars of all kinds, both domestic and foreign, for 1878, is estimated at 1,732,577,280 pounds.

Table showing the quotations, at Cincinnati, for the various kinds of sugars, at the close of August, for seven years:

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 | 1873 |
|----------------------------|--|-----------------------------------|---|---|--|--|--|
| New Orleans..... | 6 ¹ / ₂ @7 ¹ / ₂ c | 7 ¹ / ₂ @8c | 9 ¹ / ₂ @10 ¹ / ₂ c | 9 ¹ / ₂ @10 ¹ / ₂ c | 8 ¹ / ₂ @9 ¹ / ₂ c | 8 ¹ / ₂ @10c | 9 @10 ¹ / ₂ c |
| " clarified, white..... | 8 ¹ / ₂ @8 ¹ / ₂ | ..... | ..... | ..... | ..... | ..... | ..... |
| " yellow..... | 7 ³ / ₄ @8 | ..... | ..... | ..... | ..... | ..... | ..... |
| Porto Rico..... | *..... | *..... | *..... | *..... | 9 ¹ / ₂ @9 ¹ / ₂ | 8 ³ / ₄ @9 ¹ / ₂ | 10 ¹ / ₂ @11 ¹ / ₂ |
| Demerara..... | *..... | *..... | *..... | *..... | 10 ¹ / ₂ @10 ¹ / ₂ | 10 ¹ / ₂ @10 ¹ / ₂ | 10 @11 ¹ / ₂ |
| Soft white refined..... | 8 @8 ¹ / ₂ | 9 @9 ¹ / ₂ | 10 ¹ / ₂ @11 ¹ / ₂ | 11 ¹ / ₂ @11 ¹ / ₂ | 10 ¹ / ₂ @11 | 10 ¹ / ₂ @11 | 10 @11 ¹ / ₂ |
| Hard refined..... | 9 @9 ¹ / ₂ | 10@10 ¹ / ₂ | 11 ¹ / ₂ @11 ¹ / ₂ | 12 | 11 ¹ / ₂ @11 ¹ / ₂ | 11 ¹ / ₂ @11 ¹ / ₂ | 12 @12 ¹ / ₂ |
| Yellow..... | 7 @7 ¹ / ₂ | 8@8 ¹ / ₂ | 9 ¹ / ₂ @10 | 10 @10 ¹ / ₂ | 9 ¹ / ₂ @10 ¹ / ₂ | 9 @10 ¹ / ₂ | ..... |

*None in the market.

Table showing the average annual quotations for prime New Orleans sugar, at Cincinnati, from 1855-56 to 1861-62, and for the years 1872-73 to 1878-79, inclusive, and for Porto Rico, from 1862-63 to 1871-72, inclusive :

| | | | | | | | |
|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| 1855-56..... | 8.6c | 1861-62..... | 9.6c | 1867-68..... | 14c | 1873-74..... | 9.77c |
| 1856-57..... | 11.16 | 1862-63..... | 12.2 | 1868-69..... | 13.87 | 1874-75..... | 9.06 |
| 1857-58..... | 8.25 | 1863-64..... | 18 | 1869-70..... | 13 | 1875-76..... | 8.9 |
| 1858-59..... | 6.07 | 1864-65..... | 20 | 1870-71..... | 11.38 | 1876-77..... | 10 |
| 1859-60..... | 8 | 1865-66..... | 16.12 | 1871-72..... | 10.5 | 1877-78..... | 8.4 |
| 1860-61..... | 6.8 | 1866-67..... | 14.75 | 1872-73..... | 10.6 | 1878-79..... | 7.36 |

Table showing the quotations, per pound, for "Prime" and "Good Fair" New Orleans sugar, and "A White" and "Hards," at Cincinnati, on Tuesday of each week, in two years :

| DATES. | NEW ORLEANS. | | | | "A WHITE." | | "HARDS." | |
|------------------|--------------|-------------|------------|-----------------|------------|-------------|-------------|-----------------|
| | Prime. | | Good Fair. | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | | | |
| September 3..... | 7 3/4 | 9 1/4 @ 10c | 7 1/4 | 9 1/4 @ 9 1/2 c | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 10..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 17..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 24..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| October 1..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 8..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 15..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 22..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 29..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| November 5..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 12..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 19..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 26..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| December 3..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 10..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 17..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 24..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 31..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| January 7..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 14..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 21..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 28..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| February 4..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 11..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 18..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 25..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| March 4..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 11..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 18..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 25..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| April 1..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 8..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 15..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 22..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 29..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| May 6..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 13..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 20..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 27..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| June 3..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 10..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 17..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 24..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| July 1..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 8..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 15..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 22..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 29..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| August 5..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 12..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 19..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |
| 26..... | 7 3/4 | 9 1/4 @ 10 | 7 3/4 | 9 1/4 @ 9 1/2 | 9 1/4 | 11 @ 11 1/4 | 10 1/4 @ 11 | 11 1/4 @ 11 3/4 |

*No session of the Chamber.

Table showing the Louisiana sugar crop, each year, for twenty-two years, according to the figures for the past two years of A. Boucherau, Esq., and previously of L. Boucherau, Esq., both of New Orleans:

| | Hhds. | | Hhds. | | Hhds. | | Hhds. |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 1878..... | 213,221 | 1872..... | 108,520 | 1866..... | 41,000 | 1860..... | 228,753 |
| 1877..... | 127,753 | 1871..... | 128,461 | 1865..... | 18,070 | 1859..... | 221,840 |
| 1876..... | 169,331 | 1870..... | 144,881 | 1864..... | 10,387 | 1858..... | 362,296 |
| 1875..... | 144,146 | 1869..... | 87,090 | 1863..... | 76,801 | 1857..... | 279,607 |
| 1874..... | 116,867 | 1868..... | 84,256 | 1862..... | no data | 1856..... | 73,296 |
| 1873..... | 89,498 | 1867..... | 37,647 | 1861..... | 459,410 | | |

Table showing the weekly movement of sugar, at Cincinnati, for two years:

| DATES. | | RECEIPTS. | | | | SHIPMENTS. | | | |
|-----------|---------|-----------|-------|---------|-------|------------|-------|---------|-------|
| | | 1878-79 | | 1877-78 | | 1878-79 | | 1877-78 | |
| | | Hhds. | Bbls. | Hhds. | Bbls. | Hhds. | Bbls. | Hhds. | Bbls. |
| September | 7..... | ..... | 3,548 | ..... | 5,066 | 19 | 1,947 | 107 | 3,681 |
| | 14..... | 100 | 8,260 | 315 | 3,818 | 114 | 6,724 | 332 | 3,028 |
| | 21..... | ..... | 2,984 | 120 | 5,539 | 24 | 1,879 | 151 | 4,248 |
| | 28..... | 1,564 | 3,507 | ..... | 5,273 | 1,588 | 2,144 | 90 | 3,260 |
| October | 5..... | ..... | 2,604 | ..... | 4,055 | 14 | 1,694 | 48 | 3,860 |
| | 12..... | 448 | 4,258 | 38 | 4,815 | 455 | 2,181 | 27 | 1,999 |
| | 19..... | 1 | 2,644 | ..... | 4,518 | 8 | 1,538 | 26 | 2,681 |
| | 26..... | 463 | 2,446 | 85 | 4,796 | 394 | 1,773 | 18 | 1,714 |
| November | 2..... | 14 | 2,781 | ..... | 4,221 | 18 | 1,669 | 8 | 4,077 |
| | 9..... | 128 | 3,049 | 6 | 2,209 | 26 | 1,957 | 16 | 1,373 |
| | 16..... | 214 | 1,523 | 3 | 2,617 | 22 | 1,265 | 16 | 2,006 |
| | 23..... | 607 | 1,631 | 8 | 999 | 338 | 1,684 | 112 | 1,446 |
| | 30..... | 1,507 | 1,605 | 571 | 2,461 | 824 | 1,147 | 136 | 2,110 |
| December | 7..... | 1,313 | 1,344 | 480 | 2,456 | 269 | 1,836 | 177 | 1,499 |
| | 14..... | 849 | 1,690 | 414 | 8,200 | 414 | 1,521 | 199 | 1,358 |
| | 21..... | 1,697 | 2,358 | 389 | 4,149 | 372 | 1,631 | 132 | 2,408 |
| | 28..... | 1,503 | 1,226 | 516 | 3,368 | 624 | 977 | 71 | 1,601 |
| January | 4..... | 409 | 2,314 | 351 | 3,119 | 244 | 927 | 131 | 1,528 |
| | 11..... | 111 | 1,362 | 436 | 2,893 | 442 | 1,335 | 211 | 3,029 |
| | 18..... | 354 | 2,428 | 287 | 2,688 | 748 | 1,437 | 315 | 1,686 |
| | 25..... | 793 | 2,274 | 656 | 2,683 | 473 | 1,103 | 666 | 2,564 |
| February | 1..... | 1,737 | 3,117 | 1,045 | 2,389 | 659 | 2,807 | 404 | 1,320 |
| | 8..... | 1,260 | 1,865 | 208 | 3,361 | 575 | 1,528 | 216 | 2,282 |
| | 15..... | 2,011 | 3,163 | 1,010 | 3,693 | 946 | 2,549 | 438 | 1,580 |
| | 22..... | 236 | 1,363 | 58 | 2,539 | 396 | 1,125 | 158 | 1,369 |
| March | 1..... | 1,150 | 2,257 | 90 | 2,325 | 326 | 2,209 | 133 | 1,897 |
| | 8..... | 341 | 2,488 | 89 | 1,823 | 608 | 1,200 | 229 | 1,263 |
| | 15..... | 565 | 2,726 | 110 | 2,982 | 338 | 2,069 | 145 | 2,322 |
| | 22..... | 847 | 1,798 | 115 | 2,290 | 260 | 1,884 | 75 | 1,561 |
| | 29..... | 332 | 3,357 | 28 | 3,513 | 267 | 2,266 | 94 | 2,842 |
| April | 5..... | 380 | 2,858 | 190 | 2,290 | 363 | 1,305 | 65 | 1,550 |
| | 12..... | 62 | 3,466 | 58 | 3,717 | 129 | 1,569 | 94 | 2,947 |
| | 19..... | 30 | 2,816 | ..... | 2,909 | 149 | 1,257 | 62 | 1,340 |
| | 26..... | 176 | 2,458 | ..... | 8,203 | 90 | 1,598 | 17 | 3,017 |
| May | 3..... | 43 | 1,828 | 56 | 3,531 | 100 | 1,169 | 14 | 1,165 |
| | 10..... | 377 | 3,724 | 46 | 5,496 | 65 | 1,359 | 58 | 3,123 |
| | 17..... | 24 | 3,607 | 14 | 5,398 | 68 | 1,263 | 14 | 1,637 |
| | 24..... | 13 | 2,711 | ..... | 7,446 | 62 | 1,563 | 55 | 3,441 |
| | 31..... | ..... | 3,254 | 25 | 3,943 | 126 | 1,486 | 14 | 1,868 |
| June | 7..... | 569 | 4,042 | 7 | 5,061 | 770 | 2,170 | 80 | 3,804 |
| | 14..... | ..... | 2,504 | 2 | 4,922 | 31 | 1,375 | 18 | 2,102 |
| | 21..... | 1,025 | 3,218 | ..... | 4,539 | 1,065 | 1,901 | 28 | 3,937 |
| | 28..... | 19 | 4,995 | 4 | 3,252 | 69 | 1,623 | 38 | 2,813 |
| July | 5..... | 1,968 | 1,678 | ..... | 3,812 | 2,003 | 1,923 | 54 | 2,550 |
| | 12..... | 40 | 1,796 | 103 | 2,989 | 187 | 1,634 | 23 | 1,972 |
| | 19..... | ..... | 3,955 | ..... | 4,781 | 2,915 | 2,055 | 44 | 3,647 |
| | 26..... | ..... | 1,258 | ..... | 4,214 | 95 | 1,448 | 24 | 3,403 |
| August | 2..... | 631 | 3,659 | 318 | 5,208 | 683 | 1,674 | 18 | 3,855 |
| | 9..... | ..... | 2,650 | ..... | 2,701 | 285 | 1,820 | 25 | 1,957 |
| | 16..... | ..... | 2,470 | 92 | 7,363 | 70 | 2,531 | 105 | 6,181 |
| | 23..... | ..... | 1,837 | ..... | 3,788 | 101 | 2,223 | 14 | 1,852 |
| | 30..... | ..... | 3,872 | 789 | 8,654 | 99 | 3,550 | 804 | 8,222 |

Table showing the annual movement, at Cincinnati, of all kinds of sugars, for thirty-four years, the shipments prior to the past seven years having been reported wholly in hogsheads:

| YEARS. | RECEIPTS. | | | SHIPMENTS. | | YEARS. | RECEIPTS. | | | SHIPMENTS. | |
|--------------|-----------|--------|--------|------------|-------|--------------|-----------|---------|--------|------------|---------|
| | Hhds. | Bbls. | Boxes. | Hhds. | Bbls. | | Hhds. | Bbls. | Boxes. | Hhds. | Bbls. |
| 1845-46..... | 13,710 | 4,956 | ..... | 4,162 | ..... | 1862-63..... | 26,081 | 71,431 | ..... | 30,962 | ..... |
| 1846-47..... | 16,649 | 7,196 | ..... | 4,998 | ..... | 1863-64..... | 28,317 | 66,102 | 1,826 | 34,599 | ..... |
| 1847-48..... | 27,153 | 11,175 | ..... | 11,559 | ..... | 1864-65..... | 23,017 | 96,390 | 6,125 | 32,486 | ..... |
| 1848-49..... | 22,685 | 7,575 | ..... | 8,443 | ..... | 1865-66..... | 16,421 | 136,078 | 11,087 | 33,602 | ..... |
| 1849-50..... | 26,760 | 13,005 | ..... | 9,650 | ..... | 1866-67..... | 19,253 | 117,327 | 12,594 | 20,752 | ..... |
| 1850-51..... | 29,808 | 18,584 | ..... | 13,000 | ..... | 1867-68..... | 21,889 | 95,471 | 5,051 | 28,774 | ..... |
| 1851-52..... | 39,234 | 15,287 | ..... | 20,360 | ..... | 1868-69..... | 17,126 | 123,970 | 4,573 | 25,054 | ..... |
| 1852-53..... | 49,229 | 24,004 | ..... | 31,615 | ..... | 1869-70..... | 23,251 | 128,545 | 1,610 | 32,890 | ..... |
| 1853-54..... | 64,461 | 25,441 | ..... | 44,119 | ..... | 1870-71..... | 30,382 | 132,097 | 1,066 | 39,716 | ..... |
| 1854-55..... | 46,903 | 19,465 | ..... | 32,432 | ..... | 1871-72..... | 22,098 | 121,910 | 547 | 29,188 | ..... |
| 1855-56..... | 32,354 | 16,846 | ..... | 21,396 | ..... | 1872-73..... | 16,840 | 123,038 | ..... | 9,171 | 70,880 |
| 1856-57..... | 15,980 | 21,647 | ..... | 13,270 | ..... | 1873-74..... | 9,324 | 177,490 | ..... | 6,115 | 99,733 |
| 1857-58..... | 41,976 | 46,247 | ..... | 29,142 | ..... | 1874-75..... | 11,573 | 169,435 | ..... | 7,305 | 99,580 |
| 1858-59..... | 38,885 | 28,359 | ..... | 34,078 | ..... | 1875-76..... | 17,468 | 152,890 | ..... | 11,000 | 106,902 |
| 1859-60..... | 40,551 | 37,950 | ..... | 32,433 | ..... | 1876-77..... | 22,323 | 162,475 | ..... | 17,818 | 109,106 |
| 1860-61..... | 39,452 | 46,672 | ..... | 36,054 | ..... | 1877-78..... | 9,138 | 206,892 | ..... | 6,339 | 132,955 |
| 1861-62..... | 18,168 | 87,745 | ..... | 29,337 | ..... | 1878-79..... | 28,751 | 142,586 | ..... | 21,330 | 94,015 |

HAY.

The business in hay at this city, during the past year, does not show any great change, save in the market, which, instead of having been remarkable for its equableness, as in 1877-78, has exhibited a wide range between the lowest and highest prices. While, during the winter and early spring, prices were down to \$8 50@9 00 per ton for prime timothy, being the lowest quotations embraced by the records of the Chamber of Commerce, stimulated by the partial failure of the crop of 1879 and the general improvement in business, they from late in May swept upward to the close of the year, until the highest point was attained in a period of three years. The average quotation for prime timothy was \$10 79 per ton, compared with \$9 86 per ton in 1877-78. Our market was mainly well supplied throughout the year with hay of good quality, though, on account of low prices, the crop of 1878 did not move so freely as usual during the early part of the year. The crop of 1879 at one time in the early summer looked as if it would be a complete failure, owing to the excessively dry weather, but rains that at last came partially rescued it, so that in Ohio and Indiana it is estimated there was three-fourths of a crop. The singularly good quality of the hay of 1879 is a noticeable feature of the season. So well cured was it, that at the commencement of the new season there was no difference between the price of the old and new, which is exceptional. Not only so, but the hay was more largely of the best timothy than for many previous years, more of it having come from freshly sown fields. The hay received here during the year by public conveyances was more largely than previously in the small bales of about 100 pounds each, known here as the "wire" bales, because secured in place by wire wrappings. It is estimated that 15 per cent. of the receipts are now of this class. The aggregate business transacted will not vary much from the previous year. The receipts by railroad, river, and canal, were equivalent to 90,068 bales of the usual size, in comparison with 102,440 in the previous year. To this should be added the receipts in wagons, which are quite equal to those by public conveyances. A careful estimate, based on actual returns from the City Weigher, as to wagon receipts, make the total approximate receipts, by public and private methods,

203,823 bales, in comparison with 181,376 in the previous year, though the estimate for the past year is believed to be the closer approximation to the facts. The demand from the outside was limited, so that the shipments make a small showing, having been 4,984 bales.

Table showing the price per ton, of prime timothy hay, loose pressed, at Cincinnati, on arrival, on Tuesday of each week in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|--------------|---------------|-------------|---------------|-------------|--------------|---------------|
| September 3..... | \$9 00@10 00 | \$10 00@11 00 | \$12 00 | March 4..... | 8 50@ 9 00 | \$9 00@10 00 | \$10 00@11 00 |
| 10..... | 9 00@10 00 | 10 00@11 00 | 12 00 | 11..... | 8 50@ 9 00 | 9 00@10 00 | 10 00@11 00 |
| 17..... | 9 00@10 00 | 10 00@11 00 | 12 00 | 18..... | 9 00@10 00 | 9 00@10 00 | 10 00@11 00 |
| 24..... | 9 00@10 00 | 10 00@11 00 | 12 00 | 25..... | 9 00@10 00 | 9 00@10 00 | 10 00@11 00 |
| October 1..... | 11 00@12 00 | 10 00@11 00 | 12 00 | April 1..... | 9 00@10 00 | 9 00@10 00 | 10 00@11 00 |
| 8..... | ..... | 10 00@11 00 | ..... | 8..... | 9 50@10 50 | 9 00@10 00 | 10 00@11 00 |
| 15..... | 11 00@12 00 | 10 00@11 00 | 12 00 | 15..... | 10 00@11 00 | 9 00@10 00 | 10 00@11 00 |
| 22..... | 10 00@11 00 | 10 00@11 00 | 12 00 | 22..... | 10 00@11 00 | 9 00@10 00 | 10 00@11 00 |
| 29..... | 9 50@10 50 | 10 00@11 00 | 12 00 | 29..... | 11 00@12 00 | 9 00@10 00 | 10 00@11 00 |
| November 5..... | 9 50@10 50 | 10 00@11 00 | ..... | May 6..... | 11 00@12 00 | 9 00@10 00 | 10 00@11 00 |
| 12..... | 9 50@10 50 | 10 00@11 00 | 12 00 | 13..... | 11 50@12 50 | 9 00@10 00 | 11 00@12 50 |
| 19..... | 9 50@10 50 | 9 00@10 00 | 12 00 | 20..... | 11 50@12 50 | 9 00@10 00 | 11 00@12 50 |
| 26..... | 9 50@10 50 | 9 00@10 00 | 11 00@13 00 | 27..... | 12 00@13 00 | 9 00@10 00 | 11 00@12 50 |
| December 3..... | 9 00@10 00 | 9 00@10 00 | 12 00@13 00 | June 5..... | 12 50@13 50 | 9 00@10 00 | 11 00@12 00 |
| 10..... | 9 00@10 00 | 9 00@10 00 | 12 00@13 00 | 10..... | 12 50@13 50 | 9 00@10 00 | 11 00@12 00 |
| 17..... | 8 50@ 9 50 | 9 00@10 00 | 12 00@13 00 | 17..... | 12 50@13 00 | 9 00@10 00 | 11 00@12 00 |
| 24..... | 8 50@ 9 50 | ..... | 12 00@13 00 | 24..... | 12 50@13 00 | 9 00@10 00 | 11 00@12 00 |
| 31..... | 8 50@ 9 50 | ..... | 12 00@13 00 | July 1..... | 12 50@13 50 | 9 00@10 00 | 11 00@12 00 |
| January 7..... | 8 50@ 9 00 | 9 00@10 00 | 12 00@13 00 | 8..... | 12 50@13 50 | 9 00@10 00 | 11 00@12 00 |
| 14..... | 8 50@ 9 00 | 9 00@10 00 | 12 00@13 00 | 15..... | 12 50@13 00 | 10 00@11 00 | 11 00@12 50 |
| 21..... | 8 50@ 9 00 | 9 00@10 00 | 12 00@13 00 | 22..... | 13 00@14 00 | 10 00@11 00 | 12 00@13 00 |
| 28..... | 8 50@ 9 00 | 9 00@10 00 | 12 00@13 00 | 29..... | 13 00@14 00 | 10 00@11 00 | 12 00@13 00 |
| February 4..... | 8 50@ 9 00 | 9 00@10 00 | 12 00@13 00 | August 5..... | 14 00@16 00 | 10 00@11 00 | 12 00@13 00 |
| 11..... | 8 50@ 9 00 | 9 00@10 00 | 10 00@11 00 | 12..... | 14 00@15 00 | 10 00@11 00 | 12 00@13 00 |
| 18..... | 8 50@ 9 00 | 9 00@10 00 | 9 00@10 00 | 19..... | 14 50@15 00 | 10 00@11 00 | 12 00@13 00 |
| 25..... | 8 50@ 9 00 | 9 00@10 00 | 10 00@11 00 | 26..... | 14 50@15 00 | 10 00@11 00 | 12 00@13 00 |

Table showing the average prices of prime timothy hay, at Cincinnati, loose pressed, per ton, for twenty-four years:

| | | | | | | | |
|--------------|---------|--------------|---------|--------------|---------|--------------|-----------|
| 1855-56..... | \$14 71 | 1861-62..... | \$11 85 | 1867-68..... | \$14 80 | 1873-74..... | \$17 16.3 |
| 1856-57..... | 21 00 | 1862-63..... | 16 34 | 1868-69..... | 16 42 | 1874-75..... | 20 98.1 |
| 1857-58..... | 13 46 | 1863-64..... | 27 16 | 1869-70..... | 17 43.7 | 1875-76..... | 17 66.6 |
| 1858-59..... | 15 38 | 1864-65..... | 26 00 | 1870-71..... | 18 45 | 1876-77..... | 11 67 |
| 1859-60..... | 17 73 | 1865-66..... | 12 63 | 1871-72..... | 20 78.8 | 1877-78..... | 9 86 |
| 1860-61..... | 12 62 | 1866-67..... | 19 76.5 | 1872-73..... | 22 18.3 | 1878-79..... | 10 79 |

Table showing the quotations, per ton, for the various kinds of hay, at Cincinnati, at the close of August, for five years, the quotations for 1875 and 1877 for "old," and 1876, 1878 and 1879 for "new :"

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 |
|--------------------------------|---------------|--------------|---------------|-------------|---------------|
| No. 1 timothy, on arrival..... | \$14 00@15 00 | \$9 00@10 00 | \$12 00@13 00 | \$12 00 | \$23 00@24 00 |
| No. 1 mixed, on arrival..... | 12 50@13 00 | 7 00@ 8 00 | 10 00@11 00 | ..... | ..... |
| Common, on arrival..... | 11 00@12 00 | 6 00@ 7 00 | 8 00@ 9 00 | ..... | ..... |
| No. 1 timothy, from store..... | 15 00@16 00 | 10 00@11 00 | 13 00@15 00 | 14 00@16 00 | 25 00@26 00 |
| No. 1 mixed, from store..... | 13 50@14 00 | 8 00@ 9 00 | 11 00@12 00 | ..... | ..... |
| Common, from store..... | 12 00@13 00 | 7 00@ 8 00 | 9 00@10 00 | ..... | ..... |

Table showing the annual receipts and shipments of hay, at Cincinnati, for thirty-four years, the figures embracing the receipts by public conveyance only from 1845-46 to 1870-71, inclusive, and by all conveyances from 1871-72 to 1878-79, inclusive :

| YEARS. | Receipts, bales. | Shipments, bales. | YEARS. | Receipts, bales. | Shipments, bales. | YEARS. | Receipts, bales. | Shipments, bales. |
|---------------|------------------|-------------------|---------------|------------------|-------------------|---------------|------------------|-------------------|
| 1845-46 | 8,092 | ..... | 1856-57 | 57,722 | 4,737 | 1868-69 | 86,429 | 35,087 |
| 1846-47 | 7,049 | 327 | 1857-58 | 39,812 | 2,585 | 1869-70 | 59,371 | 5,857 |
| 1847-48 | 5,036 | 94 | 1858-59 | 47,276 | 3,901 | 1870-71 | 63,217 | 4,380 |
| 1848-49 | 12,751 | 1,040 | 1859-60 | 50,547 | 3,449 | 1871-72 | *108,536 | 12,378 |
| 1849-50 | 14,353 | 564 | 1860-61 | 55,214 | 10,216 | 1872-73 | *198,172 | 32,473 |
| 1850-51 | 12,691 | 628 | 1861-62 | 58,190 | 35,278 | 1873-74 | *204,037 | 29,698 |
| 1851-52 | 9,270 | 554 | 1862-63 | 90,808 | 59,718 | 1874-75 | *219,690 | 8,142 |
| 1852-53 | 6,432 | 3,913 | 1863-64 | 110,046 | 59,524 | 1875-76 | *201,490 | 8,769 |
| 1853-54 | 19,424 | 780 | 1864-65 | 118,194 | 59,642 | 1876-77 | *186,688 | 3,095 |
| 1854-55 | 37,914 | 5,706 | 1865-66 | 38,792 | 12,297 | 1877-78 | *181,376 | 18,016 |
| 1855-56 | 41,696 | 1,008 | 1866-67 | 91,987 | 10,003 | 1878-79 | *208,823 | 4,984 |
| | | | 1867-68 | 92,745 | 12,733 | | | |

*Estimated wagon receipts embraced.

HIDES.

The business in hides at this city, during the past year, measured by the receipts, appears to have increased. The total number of hides received, by river, railroad, and canal, was 218,995, in comparison with 170,283 in the previous year, not embracing receipts reported in pounds, which were 170,890 pounds in 1878-79 and 64,519 in 1877-78. The aggregate receipts, by public conveyances, in pounds, were, approximately, 11,709,622 pounds, in comparison with 9,002,160 pounds in the preceding year. This, however, does not embrace the receipts in wagons, which came from the adjacent localities, and which would materially increase these receipts. Neither does it comprise the cattle slaughtered in the city, the hides of which are used here, which would be little less than 100,000 hides annually. Our receipts from Texas appear to be diminishing, while those from the Territories and States of the West are increasing. Though the number in the market was somewhat increased, there was a good demand throughout the year. Prices, though advancing at the close, and manifesting great strength, were generally below the preceding year. During the first four months of the calendar year, they were, for light to heavy wet salted western hides, quotable at $6\frac{1}{2}$ @ $8\frac{1}{2}$ cents per pound, having been quotable at 8@9 cents at the commencement of the commercial year. In May, an approximation set in, which continued until the end of the year, when they were quoted at $8\frac{1}{2}$ @ $9\frac{1}{2}$ cents. The average quotations for light and heavy wet salted hides was 8.16 cents per pound, in comparison with 9.11 cents in 1877-78, and 9.47 cents in 1876-77. Hides were sold on very slender margins. The shipments from the city aggregated 168,853 hides, in comparison with 130,104 in the previous year, reaching in pounds, approximately, 8,507,004 pounds, compared with 6,595,273 pounds in 1877-78.

Table showing the comparative prices of the various kinds of hides, in Cincinnati, at the close of August, for five years :

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 |
|---|---------|---------|---------|---------|---------|
| Dry flint, per pound..... | 15 @16c | 17 @18c | 18 @20c | 15@16c | 17c |
| Dry salted, per pound..... | 13 @15 | 12 @14 | 14 | 11 | 13 |
| Wet salted, western, heavy, per pound..... | 9 @9½ | 8½ @9½ | 10½ | 8 @9 } | |
| " " light, per pound..... | 8½ | 8½ | 9½ | 7 @7½ } | 8 |
| " " selected heavy steers, per pound, | 10 @10½ | 9 @10 | 10 @10½ | 9 @10 } | |
| Green butchers, per pound..... | 6½ @7½ | 6 @7 | 6 @8 | 5 @7 | 7 @8 |
| Calf skins, green salted, per pound..... | 11 | 11 | 11½ @13 | 11 | 13½ |
| Dry flint kip, per pound..... | 18 | 18 | 18 | 14 @15 | 19 |
| Pelts, dry, each..... | 50 @60 | 50 | 55 | 30 @40 | 50 @70 |
| Pelts, green, lambs and shearlings, each..... | 75 @80 | 75 | 80 | 40 @50 | 80 @100 |

Table showing the prices for wet salted western hides, at Cincinnati, on Tuesday of each week, in two years:

| DATES. | 1878-79 | 1877-78 | DATES. | 1878-79 | 1877-78 | DATES. | 1878-79 | 1877-78 |
|----------------|--------------|---------|----------------|-----------|--------------|-------------|---------------|--------------|
| September 3... | 8 @9c | 9 @10c | December 31... | 8 @9 1/2c | 9 @10c | May 6... | 6 1/2 @8 1/2c | 8 @9c |
| 10... | 8 @9 | 9 @10 | January 7... | 8 @9 | 9 @10 | 13... | 6 1/2 @8 1/2c | 8 @9 |
| 17... | 8 @9 | 9 @10 | 14... | 8 @9 1/2 | 9 @10 | 20... | 7 @8 1/2c | 8 @9 |
| 24... | 8 @9 | 9 @10 | 21... | 8 @9 1/2 | 9 @10 | 27... | 7 @8 1/2c | 8 @9 |
| October 1... | 7 1/2 @8 1/2 | 9 @10 | 28... | 8 @9 1/2 | 9 @10 | 3... | 7 @8 1/2c | 8 @9 |
| 8... | 7 1/2 @8 1/2 | 9 @10 | February 4... | 8 @9 1/2 | 9 @10 | 10... | 7 @8 1/2c | 8 @9 |
| 15... | 7 1/2 @8 1/2 | 9 @10 | 11... | 8 @9 1/2 | 9 @10 | 17... | 7 1/2 @8 1/2c | 8 @9 |
| 22... | 7 1/2 @8 1/2 | 9 @10 | 18... | 8 @9 1/2 | 9 @10 | 24... | 7 1/2 @8 1/2c | 8 @9 |
| 29... | 8 @9 | 9 @10 | 25... | 8 @9 1/2 | 9 @10 | July 1... | 8 1/2 @9 1/2c | 8 @9 |
| November 5... | 8 @9 | 9 @10 | March 4... | 8 @9 1/2 | 8 1/2 @9 1/2 | 8... | 8 1/2 @9 1/2c | 8 @9 |
| 12... | 8 @9 | 9 @10 | 11... | 8 @9 1/2 | 8 1/2 @9 1/2 | 15... | 8 1/2 @9 1/2c | 8 @9 |
| 19... | 8 @9 | 9 @10 | 18... | 8 @9 1/2 | 8 1/2 @9 1/2 | 22... | 8 1/2 @9 1/2c | 8 @9 1/2 |
| 26... | 8 @9 | 9 @10 | 25... | 8 @9 1/2 | 8 1/2 @9 1/2 | 29... | 8 1/2 @9 1/2c | 8 @9 1/2 |
| December 3... | 8 @9 | 9 @10 | April 1... | 8 @9 1/2 | 8 1/2 @9 1/2 | August 5... | 8 1/2 @9 1/2c | 8 @9 1/2 |
| 10... | 8 @9 | 9 @10 | 8... | 8 @9 1/2 | 8 1/2 @9 1/2 | 12... | 8 1/2 @9 1/2c | 8 @9 1/2 |
| 17... | 8 @9 | 9 @10 | 15... | 8 @9 1/2 | 8 1/2 @9 1/2 | 19... | 8 1/2 @9 1/2c | 8 @9 1/2 |
| 24... | 8 @9 1/2 | 9 @10 | 22... | 8 @9 1/2 | 8 1/2 @9 1/2 | 26... | 8 1/2 @9 1/2c | 8 1/2 @9 1/2 |
| | | | 29... | 8 @9 1/2 | 8 1/2 @9 1/2 | | | |

Table showing the annual receipts and shipments of hides, at Cincinnati, for thirty-four years:

| YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | |
|---------------|-----------|---------|------------|---------|---------------|-----------|---------|------------|---------|
| | Pieces. | Pounds. | Pieces. | Pounds. | | Pieces. | Pounds. | Pieces. | Pounds. |
| 1845-46 | 19,781 | 5,007 | ..... | ..... | 1862-63 | 150,501 | 32,089 | 126,032 | 178,006 |
| 1846-47 | 24,376 | 7,513 | 12,114 | 164,930 | 1863-64 | 233,177 | 41,416 | 188,424 | 56,840 |
| 1847-48 | 33,745 | 10,829 | 9,024 | 60,880 | 1864-65 | 226,349 | 52,803 | 161,830 | 32,140 |
| 1848-49 | 23,766 | 22,774 | 7,731 | 73,209 | 1865-66 | 186,196 | 171,449 | 169,910 | 49,375 |
| 1849-50 | 30,280 | 14,181 | 11,225 | 62,865 | 1866-67 | 96,500 | 91,700 | 96,500 | 91,790 |
| 1850-51 | 28,132 | 25,424 | 12,459 | 48,079 | 1867-68 | 116,494 | 28,187 | 85,120 | 288,007 |
| 1851-52 | 54,647 | 51,905 | 31,775 | 142,823 | 1868-69 | 107,773 | 53,603 | 77,371 | 85,717 |
| 1852-53 | 48,808 | 35,178 | 36,242 | 28,449 | 1869-70 | 147,259 | 89,830 | 123,622 | 84,302 |
| 1853-54 | 38,875 | 42,720 | 36,332 | 16,815 | 1870-71 | 165,553 | 81,913 | 136,549 | 86,163 |
| 1854-55 | 31,505 | 101,535 | 24,427 | 44,035 | 1871-72 | 140,817 | 172,756 | 102,294 | 70,547 |
| 1855-56 | 52,348 | 64,219 | 36,120 | 7,313 | 1872-73 | 189,387 | 211,863 | 93,085 | 190,107 |
| 1856-57 | 69,440 | 30,384 | 57,422 | 37,309 | 1873-74 | 161,192 | 172,599 | 103,293 | 86,238 |
| 1857-58 | 105,261 | 32,639 | 91,945 | 362,391 | 1874-75 | 177,525 | 213,812 | 128,961 | 102,720 |
| 1858-59 | 156,360 | 65,378 | 138,299 | 192,418 | 1875-76 | 182,808 | 272,521 | 144,214 | 40,300 |
| 1859-60 | 169,203 | 91,417 | 146,166 | 38,653 | 1876-77 | 168,327 | 336,863 | 174,341 | 144,551 |
| 1860-61 | 189,032 | 63,700 | 160,839 | 42,681 | 1877-78 | 170,233 | 64,519 | 130,104 | 90,073 |
| 1861-62 | 150,344 | 78,785 | 119,813 | 81,607 | 1878-79 | 218,995 | 170,890 | 168,853 | 65,374 |

HOPS.

The crop of hops in 1878 was fair in quantity and quality. The foreign exportation from the country was about 38,000 bales. Stocks were smaller, at the close, than in the preceding hop year. Our market was well supplied, and, except at the close, there was an equable demand at very low prices. The year opened at 17 cents per pound for prime new eastern hops, the price steadily declining, until in April, when it had touched

9 cents per pound. There was a hardening of prices followed, and toward the close of the year, under the stimulation of reported short crops both in this country and England, values steadily improved, and what remained of the old crop was eagerly taken up at higher prices. The average quotation for prime new eastern hops for the year was 12.9 cents, compared with 11.26 cents in 1877-78, 22.66 in 1876-77, 18.3 in 1875-76, 40.4 in 1874-75, 45.9 in 1873-74, and 64.6 in 1872-73. A notable feature of the year is the diminished crops for 1879, as well in this country as abroad. The extremely low prices which had prevailed in the previous year greatly discouraged the culture of hops, so much so that it is believed the crop of the United States for 1879 will not exceed two-thirds the usual yield. The effect on the market would have been less marked had it not been for the shortness also of the crop in England, for we should have had enough for domestic purposes under favorable conditions abroad. The aggregate receipts at Cincinnati for the year were 7,982 bales, compared with 8,666 in 1877-78, and the shipments 1,608 bales, in comparison with 1,963.

Table showing the price of prime new eastern hops, at Cincinnati, on Tuesday of each week, in four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|
| September 3..... | 17c | 17c | 35c | 20c | March 4..... | 12½ | 11c | 20c | 19c |
| 10..... | 17 | 15 | 35 | 18 | 11..... | 12½ | 11 | 19 | 19 |
| 17..... | 15 | 15 | 35 | 16 | 18..... | 12 | 11 | 19 | 20 |
| 24..... | 15 | 18 | 35 | 16 | 25..... | 11 | 11 | 18 | 21 |
| October 1..... | 14 | 18 | 35 | 15 | April 1..... | 10 | 11 | 17 | 22 |
| 8..... | 14 | 18 | 37 | 15 | 8..... | 9 | 11 | 17 | 21 |
| 15..... | 14 | 12½ | 37 | 15 | 15..... | 9 | 11 | 16 | 21 |
| 22..... | 14 | 12 | 37 | 15 | 22..... | 9 | 11 | 16 | 21 |
| 29..... | 14 | 12 | 37 | 15 | 29..... | 9 | 11 | 16 | 21 |
| November 5..... | 18½ | 12 | 35 | 15 | May 6..... | 10 | 10 | 17 | 21 |
| 12..... | 18½ | 12 | 35 | 15 | 13..... | 10 | 10 | 17 | 22 |
| 19..... | 18½ | 12 | 33 | 14 | 20..... | 10 | 10 | 17 | 22 |
| 26..... | 18½ | 12 | 33 | 15 | 27..... | 10 | 10 | 17 | 22 |
| December 3..... | 18½ | 11½ | 32 | 15 | June 3..... | 10 | 10 | 17 | 22 |
| 10..... | 18½ | 11½ | 30 | 18 | 10..... | 10 | 10 | 17 | 21 |
| 17..... | 18½ | 11 | 28 | 18 | 17..... | 10½ | 9 | 17 | 20 |
| 24..... | 18 | 11 | 25 | 18 | 24..... | 11 | 9 | 16 | 20 |
| 31..... | 18 | 11 | 25 | 18 | July 1..... | 11 | 9 | 16 | 20 |
| January 7..... | 18 | 11 | 25 | 18 | 8..... | 12 | 9 | 15 | 20 |
| 14..... | 18 | 11 | 25 | 18 | 15..... | 14 | 9½ | 15 | 20 |
| 21..... | 18 | 11½ | 25 | 17 | 22..... | 15 | 10 | 15 | 20 |
| 28..... | 18 | 11½ | 25 | 17 | 29..... | 15 | 10 | 14 | 19 |
| February 4..... | 18 | 11 | 25 | 17 | August 5..... | 17 | 11 | 18 | 18 |
| 11..... | 18 | 11 | 23 | 18 | 12..... | 17 | 11 | 18 | 18 |
| 18..... | 18 | 11 | 22 | 19 | 19..... | 18 | 12 | 12 | 19 |
| 25..... | 18 | 11 | 20 | 19 | 26..... | 18 | 12 | 10 | 20 |

Table showing the annual receipts and shipments of hops, at Cincinnati, in twenty years:

| YEARS. | Receipts, bales. | Shipm'ts, bales. | YEARS. | Receipts, bales. | Shipm'ts, bales. | YEARS. | Receipts, bales. | Shipm'ts, bales. |
|--------------|---------------------|---------------------|--------------|---------------------|---------------------|--------------|---------------------|---------------------|
| 1859-60..... | 5,314 | 1,794 | 1866-67..... | 4,129 | 708 | 1878-79..... | 7,330 | 1,441 |
| 1860-61..... | 3,534 | 1,462 | 1867-68..... | 4,356 | 886 | 1874-75..... | 7,850 | 1,521 |
| 1861-62..... | 3,887 | 959 | 1868-69..... | 6,284 | 1,398 | 1875-76..... | 5,467 | 1,981 |
| 1862-63..... | 3,366 | 761 | 1869-70..... | 6,145 | 1,771 | 1876-77..... | 9,406 | 1,732 |
| 1863-64..... | 3,572 | 1,622 | 1870-71..... | 8,595 | 1,879 | 1877-78..... | 8,666 | 1,963 |
| 1864-65..... | 3,785 | 1,473 | 1871-72..... | 7,907 | 1,607 | 1878-79..... | 7,982 | 1,608 |
| 1865-66..... | 4,317 | 1,311 | 1872-73..... | 7,767 | 1,788 | | | |

HORSES.

The business in horses shows an increase over the preceding year, both in the number of head which has changed hands at the stables and in the aggregate results of the sales. Our market, in the main, has been well supplied, and yet the receipts of medium and good horses, as compared with the demand, have not been equal to the previous year. This market, to a larger extent than ever before, has attracted the attention of buyers from other home markets, a number from England also having been here. The demand from the English market, to which reference was made in the preceding report, has sensibly increased, and considerable sales have been made for that destination. The inquiry from that quarter is for the best horses, and the prices paid generally exceed those for the same grade purchased for domestic use. We have made liberal shipments both to the South and West, and sales in limited numbers have been made for the North, especially for the lumber regions of Michigan. The supply of really good horses has not been equal to previous years, the number in the country for commercial purposes having apparently diminished. The medium grade of stock, embracing such as is used for street cars and omnibuses, and for farm purposes in the South, and which generally range in price from \$70 00@90 00 per head, has been in better supply, but there has been a good demand for such, which has readily taken all offered. The "plugs," embracing the very common stock, and especially the broken down horses, which are constantly pressing on the market, have been more abundant, relatively, than the other classes, and have been sold generally from \$25 00@50 00 per head. Dealers report the demand for horses, for carriage and buggy purposes, for local use, steadily falling off, traceable to a gradually increasing number of persons who are relying upon the street and steam cars for transportation, and perhaps in the past to the practice generally of greater economy in the matter of personal expenditure. Horses were free from epidemics and arrived here in good condition. The receipts by river, railroad, and canal, for the year, aggregated 12,998 head, in comparison with 11,506 in the preceding year. The arrivals on foot can not with accuracy be ascertained. The number, both this and last year, was estimated, by competent authority, at 5,000 head, which would swell the receipts in 1878-79 to 17,998 head, compared with 16,506 in the previous year. The shipments by river, railroad, and canal, were 11,173 head, compared with 10,720 in the preceding year, and the total approximate shipments, embracing such as depart on foot, were 13,673 head, in comparison with 13,220.

The whole number of horses sold at the auction and commission stables, for the year, was, approximately, 21,499 head, compared with 18,432 in 1876-77, with an aggregate value in the former of \$1,454,089, in comparison with \$1,350,991 in the latter.

IRON.

The past year in the iron business has been distinguished by notable conditions. During all the years, since the great shrinkage in values began in 1872, there has been no period in which pig iron was so low, or the market so destitute of animation as at times during the year 1878-79. It might have been supposed that, in view of the successful resumption of specie payment, the manifestly improved situation in nearly all walks of business, the steadily diminishing stocks of pig iron in the country, the very low prices prevailing for the article, and the apparent certainty that the permanently improved condition of the country would sooner or later reach this commodity, that at some time during the first half of the year there would have been some pronounced evidence of increasing strength in the pig iron market, but it certainly was not the case. The production of the article was proceeding as in the previous year, and at the very low prices was rapidly going into consumption; but the market was as spiritless, the

trade as destitute of hope, and the general condition as discouraging as had been witnessed at any time in the history of this remarkable period of the iron business of the country. Prices reached a lower level than the year preceding. Hot blast charcoal iron, No. 1, was quotable here at \$21 00@22 00 at the opening of the year, and continued at this without quotable change until early in June, when it declined to \$20 00@21 00. No. 1 hot blast stone coal iron was quotable at \$19 00@20 00 until in February, when \$1 00 per ton was added to the quotation, and so remained until late in July. Car wheel irons were quotable at \$30 00@33 00 per ton until early in June, when the inside quotation was lowered to \$27 00, the best iron remaining without change. These prices, however, were for the highest grades. In the low grades of stone coal iron, prices were still lower, these selling here at \$12 00@15 00, and fair grades at \$16 00@17 00 per ton. Charcoal forge irons were sold at \$18 00@19 00 per ton, according to grade. Though there was a general conviction at the close of the preceding year that prices had certainly reached their lowest, the trade witnessed a further shrinkage of more than \$1 00 per ton in charcoal iron, and nearly as much in stone coal. In the presence of a condition of things like this, the producers and dealers made their way through the spring and early summer's business, when suddenly, as if some magic touch had vitalized the whole body, the entire trade was aroused to the realities of a new condition, and could now plainly see what before had been obscure—that for months iron had been going into consumption more rapidly than it was being produced, and that, with returning prosperity, there must be an advance, which would proceed the more rapidly, because legitimate progress for some time had been resisted by the conservatism of all concerned. In the last week in July, an advance commenced, and swept onward with such rapid strides that no man could see the end. That iron, on an average, for a long period, had been produced without profit, all were ready to admit, but few there were who were prepared for any such transformation as this when the change should come. The upward movement was the further promoted by the fact that all classes at once adopted the habits of speculation. The consumers began to buy for future wants, and the producers rapidly pushed up their prices, or absolutely held their iron from the market. In the meantime, consumers here had generally supplied themselves for reasonable future wants, and the remainder was left for solution to the scores of furnaces out of blast, that sooner or later would again be swelling the aggregate of production, and to the foreign irons, which would at last play a part in this wonderful chapter in the iron business of the country. At the lowest point during the year, No. 1 charcoal iron was \$38 00 per ton lower in this market than it was at the highest point in 1872-73, when the price was \$58 00@59 00. The average quotation of this grade of iron, at Cincinnati, for the past year, was \$21 59 per ton, in comparison with \$22 84 in 1877-78, \$24 14 in 1876-77, \$25 16 in 1875-76, \$29 28 in 1874-75, \$39 21 in 1873-74, \$55 33 in 1872-73, and \$46 74 in 1871-72. The production of pig iron, in the nine States immediately tributary to this city, for the calendar year of 1878, according to tables furnished elsewhere, shows a falling off of 8,171 tons, having been 726,384 net tons, in comparison with 734,555 tons in 1877. It is a noticeable fact, as showing the change which is taking place in the relation of the production from charcoal, and from bituminous coal and coke, that in each of these States the charcoal production was diminished, save in Tennessee, where the increase was but 19 tons; while in the stone coal and coke production, there was an increase in each one of the States, except Indiana, where none was produced, and Michigan and Missouri, the former falling behind 7,000 tons, and the latter 14,367 tons. Ohio increased 29,197 tons, West Virginia 16,606 tons, Georgia 4,666 tons, Kentucky 2,651 tons, Tennessee 2,388 tons, and Alabama 1,089 tons. The total production of the United States, of all kind, of pig iron, was 2,577,361 tons, in comparison with 2,314,585 tons in the preceding year, indicating an increase of 262,776 tons. This gain was entirely in the anthracite and bituminous coal and coke production; the former having gained 158,073 tons, and the latter 129,147 tons, while the charcoal lost 24,444 tons. The total production of anthracite iron, for the year, was 1,092,870 tons; bituminous coal and coke, 1,191,092, and charcoal 293,399.

The records of the past year present many features in the iron business, of not only this district, but of the country at large, which are encouraging. They mark the conclusion of a long period of shrinkage in prices, of severe pecuniary losses, of furnaces driven, for the time being, from the field, and great financial distress. Important changes have been wrought by the trials of the past, which are enduring, and which must make their favorable impress on the iron business of the country for many years to come. The cheaper processes which have been discovered, the economical management which has been adopted, the better knowledge of the nature of our irons which has been acquired, and the foundations which have been laid for the permanent cheapening of iron, under normal conditions, are all of them fruits of the trials of the past six years, out of which must come great good. To discover methods which will so cheapen our products, as not only to make us independent, but carry them into successful competition with the other nations of the earth, will be better than tariffs and wiser than legislation. The benefits of these favorable circumstances may be temporarily neutralized by forcing upon business unnatural conditions, by stimulating growth in prices not warranted by the wholesome wants of trade, and by making demands which consumption does not require, but sooner or later the penalty of excesses will be paid, when the favorable conditions will reassume their sway. It is a subject for congratulation that, in the midst of these changes, the position of Cincinnati as an iron market has steadily been advancing in importance, and that the new era opens with her facilities enlarged, her boundaries extended, and all her interests strengthened.

The aggregate business transacted here in pig iron, in 1878-79, exhibits a large increase over any preceding year. According to returns submitted to the Superintendent of the Merchants' Exchange, the sales from first hands aggregated, approximately, 212,281 tons, in comparison with 125,912 tons in 1877-78, 129,194 in 1876-77, and 137,646 in 1875-76. These figures represent the actual business transacted in iron delivered during the year, and embrace iron sold for direct shipment from the furnaces to places of consumption, as well as iron which arrived at Cincinnati. They do not thus reflect the actual movement in iron, which, with the steady enlargement of the business facilities here, has for years not been a safe measure of the extent of our iron trade.

The value of the pig iron business of Cincinnati, during the past year, estimating the average price at \$21 59 per ton, would be \$4,583,146, compared with \$2,875,830 in 1877-78, and \$3,118,743 in 1876-77. The value for eleven years would be as follows:

| | | | | | |
|--------------|-------------|--------------|-------------|--------------|-------------|
| 1868-69..... | \$1,767,000 | 1872-73..... | \$7,062,980 | 1876-77..... | \$3,118,743 |
| 1869-70..... | 2,469,000 | 1873-74..... | 8,385,326 | 1877-78..... | 2,875,830 |
| 1870-71..... | 2,667,000 | 1874-75..... | 8,432,348 | 1878-79..... | 4,583,146 |
| 1871-72..... | 6,500,000 | 1875-76..... | 8,463,173 | | |

The two tables following, prepared from the able report of James M. Swank, Esq., Secretary of the American Iron and Steel Association, show the relation of the past two years in the production of pig iron in the nine States immediately tributary to this city, the former including the production of iron, by bituminous coal and coke and charcoal, respectively, and the latter the entire production, the figures exhibiting net tons:

| STATES. | BITUMINOUS COAL AND COKE. | | | | CHARCOAL. | | | |
|---------------------|---------------------------|---------|-----------|-----------|-----------|---------|-----------|-----------|
| | 1878 | 1877 | Increase. | Decrease. | 1878 | 1877 | Increase. | Decrease. |
| Alabama | 17,480 | 16,400 | 1,089 | ..... | 23,993 | 24,841 | ..... | 848 |
| Georgia | 13,860 | 9,194 | 4,666 | ..... | 2,508 | 4,029 | ..... | 1,526 |
| Indiana ..... | ..... | 14,200 | ..... | 14,200 | ..... | 1,260 | ..... | 1,260 |
| Kentucky | 33,254 | 30,603 | 2,651 | ..... | 16,928 | 17,004 | ..... | 76 |
| Michigan ..... | ..... | 7,009 | ..... | 7,009 | 70,853 | 75,216 | ..... | 4,363 |
| Missouri | 30,638 | 45,005 | ..... | 14,367 | 16,861 | 28,560 | ..... | 11,699 |
| Ohio | 387,478 | 358,281 | 29,197 | ..... | 33,513 | 42,117 | ..... | 8,604 |
| Tennessee | 17,120 | 14,732 | 2,388 | ..... | 11,227 | 11,208 | ..... | 19 |
| West Virginia | 50,261 | 33,655 | 16,606 | ..... | 406 | 1,250 | ..... | 844 |
| Total | 550,100 | 529,070 | 21,030 | ..... | 176,284 | 205,485 | ..... | 29,201 |

AGGREGATE PRODUCTION.

| STATES. | 1878 | 1877 | Increase. | Decrease. |
|--------------------|---------|---------|-----------|-----------|
| Alabama..... | 41,482 | 41,241 | 241 | ..... |
| Georgia..... | 16,868 | 18,228 | 3,140 | ..... |
| Indiana..... | ..... | 15,460 | ..... | 15,460 |
| Kentucky..... | 50,182 | 47,607 | 2,575 | ..... |
| Michigan..... | 70,853 | 82,216 | ..... | 11,363 |
| Missouri..... | 47,499 | 73,565 | ..... | 26,066 |
| Ohio..... | 420,991 | 400,398 | 20,593 | ..... |
| Tennessee..... | 28,347 | 25,940 | 2,407 | ..... |
| West Virginia..... | 50,667 | 34,905 | 15,762 | ..... |
| Total..... | 726,384 | 734,555 | ..... | 8,171 |

| | |
|---|-----------|
| Total production in the United States, 1878, net tons (2,000 pounds per ton)..... | 2,577,861 |
| " " " " 1877, " " " " | 2,314,586 |
| " " " " 1876, " " " " | 2,093,286 |
| " " " " 1875, " " " " | 2,286,891 |
| " " " " 1874, " " " " | 2,689,413 |
| " " " " 1873, " " " " | 2,868,278 |
| " " " " 1872, " " " " | 2,854,568 |

The past year in manufactured iron had nothing about it to distinguish it from the previous year, until the last two months of the period. The production went on notwithstanding the profitless low rates. There was a good consumptive demand at the prices, but there was nothing speculative about the market. All admitted that prices were too low, and appeared to believe that they had touched bottom, and yet there was that peculiar condition that forbid any anticipation of future wants. Prices were quite as low as they had been in the previous year, and in some classes were still lower. In merchant bar, large sales were made at \$1 60@1 65 per one hundred pounds, card rate, and forced sales as low as \$1 50. In plate iron the market was really weaker, and in some classes of iron absolutely lower. Good boiler plate was the lowest ever known in the history of the trade here, No. 1 boiler having sold as low as \$3 25 per one hundred pounds, as compared with \$3 50@4 00 in the previous year. The whole range for plate was \$2 20@3 25, as to quality. Sheet iron remained about as in the previous year, the lowest rates being about \$2 20@2 75. This was the condition of things until July. Manufacturers and dealers generally were hoping for a change, but the most sanguine had not the least idea of the tremendous revolution which was near at hand. In July there was a sensible hardening of prices. Early in August, at a meeting held here of the manufacturers of this vicinity, it was agreed that they would not sell merchant bar below \$1 90, card rate. Thenceforward, by rapid changes, the price swept upward, the market constantly becoming stronger. Merchant bar, at the close of August, had advanced to \$2 50, and was strong at this price. Plate iron was quotable from \$3 00@4 00 per 100 pounds for common to No. 1 boiler, having advanced from \$2 20@3 25 for the whole range. Sheet iron advanced by successive stages to \$3 20@4 00, an increase of fully \$20 00 per ton in one month. The year closed in the midst of unusual excitement in the iron business. The season of doubt as to values had remained so long, that the trade had been insensible, apparently, to the changes which the settlement of the financial problems of the country had wrought, so that when the advance came, urged by the higher and rapidly advancing prices of the raw material, it came on the trade like a flood, the full limit and final result of which the most sagacious merchant failed to comprehend. The production of manufactured iron in this district, during the commercial year, was in excess of the previous year, and with the stimulation which the great advance has had and will have on production, the calendar year will exhibit a larger

* September 13, 1879, it advanced to \$3 00, card rate, with so much strength that many manufacturers were unwilling to sell at the price, holding for still further advances.

increase as well in pounds as in aggregate value. The movement in manufactured iron at this city would indicate a material increase in the business of the city. The receipts, not embracing such as was reported in bundles and pieces, aggregated 68,528 tons, in comparison with 43,737 in the previous year, and the shipments 62,980 tons, compared with 41,655.

In stoves there has been more animation throughout the year, with materially increased production, the capacity of the city to produce toward the last being taxed to its utmost. Since the advance in raw materials the market has been stronger, but the price of manufactured goods has by no means responded promptly to the increased cost of raw material.

The year to the manufacturers of nails mainly was a very unfavorable one. Prices until near the close of the year were ruinously low, ranging here from \$1 90@2 12 per keg in the first four months of the year. The price settled down late in May to \$1 95. and so remained until the active appreciation commenced in July, which, in sympathy with the advance in iron, swept on with tremendous strides to higher prices. But the year in general was one distinguished for its low prices and the want of faith in values on the part of all concerned. Throughout the fall and winter, the market showed some steadiness and prices were a little improved, but when the spring came, contrary to the expectations of manufacturers, prices declined, and the whole trade was involved in doubt. Though nails were quoted very low, the published quotations did not show the lowest values, for, early in the summer, in urgent cases, cash sales were made at \$1 72. When the change came and prices were steadily advanced by manufacturers, dealers, so long accustomed to the extremely low rates, were very reluctant to believe that the advance was to be permanent, and not until nails had reached \$2 25 did the inevitable rush to a higher plain of values fully reveal itself to the trade. The average quotation for the year for 10d. nails was \$2 01.7 per keg, compared with \$2 22.6 in 1877-78. \$2 67 in 1876-77, and \$2 79.7 in 1875-76. The movement was the largest in the history of the city, the receipts having been 509,164 kegs, compared with 431,245 in the preceding year, and the shipments 435,192, in comparison with 346,700.

Table showing the quotations for the various kinds of iron, in Cincinnati, at the close of August, for two years, the price being per ton, save where otherwise named:

| KINDS. | 1878-79 | 1877-78 | KINDS. | 1878-79 | 1877-78 |
|---------------------------|---------------|---------------|-------------------------------|---------------|---------------|
| Hot Blast Charcoal. | | | Cold Blast Charcoal. | | |
| Hanging Rock, No. 1 | \$27 00@28 00 | \$21 00@22 00 | Hanging Rock, car wheel | \$28 00@33 00 | \$30 00@33 00 |
| " " No. 2 | 25 00@26 00 | 19 00@20 00 | Missouri car wheel | 27 00@28 00 | 24 00@27 00 |
| " " forge | 24 00@25 00 | 18 00@19 00 | Red River " " | 27 00@28 00 | 24 00@27 00 |
| Tennessee, No. 1 | 24 00@25 00 | 19 00@20 00 | Tennessee " " | 28 00@30 00 | 30 00@31 00 |
| " " forge | 23 00@23 50 | 17 00@18 00 | Alabama " " | 28 00@32 00 | 27 00@32 00 |
| Alabama, No. 1 | 22 00@23 00 | 19 00@20 00 | Alabama " " | 26 00@27 00 | 23 00@25 00 |
| Missouri, No. 1 | 24 00@25 00 | 19 00@20 00 | Machinery and forge | 43 00@50 00 | 32 00@37 00 |
| " " No. 2 | 23 00@24 00 | 18 00@19 00 | Blooms | | |
| Hot Blast Stone Coal. | | | Wrought. | | |
| Missouri, No. 1 | 24 00@25 00 | 19 00@20 00 | Bar, common, per 100 lbs..... | 2 50 | 2 00 |
| " " forge | 23 00@24 00 | 17 00@18 00 | " charcoal, " " | 3 50 | 3 20 |
| Ohio, No. 1 | 25 00@26 00 | 17 00@18 00 | Scrap, cast, " " | 60@ 70 | 50@ 60c |
| " " No. 2 | 23 00@24 00 | 16 00@17 00 | Scrap, wrought, " " | 1 00@ 1 10 | 90@ 1 10 |
| " " forge | 22 00@23 00 | 15 00@16 00 | | | |

The table on the following page exhibits the quotation, per ton, for hot blast charcoal iron, No. 1, hot blast stone coal iron, No. 1, and car wheel irons, on Tuesday of each week, for three years:

| DATE. | Hot Blast Charcoal, No. 1. | | | Hot Blast Stone Coal, No. 1. | | | Car Wheel Irons. | | |
|------------------|----------------------------|---------------|---------------|------------------------------|---------------|---------------|------------------|---------------|---------------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| September 3..... | \$21 00@22 00 | \$23 00@24 00 | \$24 00@25 00 | \$19 00@20 00 | \$22 00@23 00 | \$25 00@24 00 | \$30 00@33 00 | \$35 00@40 00 | \$30 00@45 00 |
| 10..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 17..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 24..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| October 1..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 8..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 15..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 22..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 29..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| November 5..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 12..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 19..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 26..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| December 3..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 10..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 17..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 24..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 31..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| January 7..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 14..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 21..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| 28..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |
| February 4..... | 21 00@22 00 | 23 00@24 00 | 24 00@25 00 | 19 00@20 00 | 22 00@23 00 | 25 00@24 00 | 30 00@33 00 | 35 00@40 00 | 30 00@45 00 |

* No session of the Chamber.

Table showing the quotations per ton, for hot blast charcoal iron, No. 1, in Cincinnati, at the close of August, for sixteen years :

| YEARS. | Per Ton. | YEARS. | Per Ton. | YEARS. | Per Ton. |
|---------------|----------|---------------|-------------|---------------|---------------|
| 1863-64 | \$80 00 | 1868-69 | \$48 00 | 1874-75 | \$27 00@28 00 |
| 1864-65 | 50 00 | 1869-70 | 87 00 | 1875-76 | 24 00@25 00 |
| 1865-66 | 53 00 | 1870-71 | 35 00 | 1876-77 | 23 00@24 00 |
| 1866-67 | 50 00 | 1871-72 | 57 00 | 1877-78 | 21 00@22 00 |
| 1867-68 | 39 00 | 1872-73 | 47 00@49 00 | 1878-79 | 27 00@28 00 |
| | | 1873-74 | 33 00@34 00 | | |

Table showing the unofficial quotations for rod. nails, in large lots, at Cincinnati, on Tuesday of each week, in four years :

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|-------------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| September 3 | \$1 99 | \$2 80 | \$2 85 | \$3 10 | March 4 | \$2 07 | \$2 47 | \$2 80 | \$2 60 |
| 10 | 1 90 | 2 30 | 2 85 | 3 10 | 11 | 2 07 | 2 47 | 2 75 | 2 60 |
| 17 | 1 90 | 2 25 | 2 85 | 3 05 | 18 | 2 07 | 2 47 | 2 75 | 2 60 |
| 24 | 1 90 | 2 22 | 2 85 | 3 05 | 25 | 2 07 | 2 32 | 2 70 | 2 65 |
| October 1 | 1 90 | 2 22 | 2 85 | 3 05 | April 1 | 1 97 | 2 32 | 2 65 | 2 65 |
| 8 | 1 90 | 2 22 | 2 85 | 3 00 | 8 | 1 97 | 2 32 | 2 65 | 2 65 |
| 15 | 1 90 | 2 22 | 2 85 | 3 00 | 15 | 1 97 | 2 32 | 2 60 | 2 70 |
| 22 | 1 90 | 2 22 | 2 85 | 2 95 | 22 | 1 97 | 2 32 | 2 60 | 2 70 |
| 29 | 1 90 | 2 20 | 2 85 | 2 95 | 29 | 1 97 | 2 25 | 2 60 | 2 75 |
| November 5 | 1 90 | 2 17 | 2 85 | 2 90 | May 6 | 1 97 | 2 25 | 2 60 | 2 75 |
| 12 | 1 90 | 2 17 | 2 85 | 2 90 | 13 | 1 97 | 2 25 | 2 60 | 2 80 |
| 19 | 1 90 | 2 17 | 2 85 | 2 90 | 20 | 1 95 | 2 15 | 2 55 | 2 85 |
| 26 | 1 90 | 2 15 | 2 85 | 2 90 | 27 | 1 95 | 2 15 | 2 55 | 2 85 |
| December 3 | 1 95 | 2 15 | 2 80 | 2 85 | June 3 | 1 95 | 2 07 | 2 55 | 2 85 |
| 10 | 2 00 | 2 15 | 2 80 | 2 80 | 10 | 1 95 | 2 05 | 2 50 | 2 85 |
| 17 | 2 05 | 2 15 | 2 80 | 2 75 | 17 | 1 95 | 2 05 | 2 50 | 2 85 |
| 24 | 2 12 | 2 15 | 2 80 | 2 70 | 24 | 1 95 | 2 05 | 2 50 | 2 85 |
| 31 | 2 12 | 2 15 | 2 80 | 2 65 | July 1 | 1 95 | 2 05 | 2 40 | 2 85 |
| January 7 | 2 12 | 2 12 | 2 80 | 2 60 | 8 | 2 06 | 2 05 | 2 40 | 2 85 |
| 14 | 2 12 | 2 47 | 2 85 | 2 55 | 15 | 2 06 | 2 05 | 2 35 | 2 85 |
| 21 | 2 12 | 2 47 | 2 85 | 2 55 | 22 | 2 11 | 2 05 | 2 30 | 2 85 |
| 28 | 2 12 | 2 47 | 2 80 | 2 50 | 29 | 2 11 | 2 05 | 2 30 | 2 85 |
| February 4 | 2 10 | 2 47 | 2 80 | 2 50 | August 5 | 2 21 | 2 05 | 2 30 | 2 85 |
| 11 | 2 07 | 2 47 | 2 80 | 2 55 | 12 | 2 31 | 2 00 | 2 30 | 2 85 |
| 18 | 2 07 | 2 47 | 2 80 | 2 60 | 19 | 2 31 | 2 00 | 2 30 | 2 85 |
| 25 | 2 07 | 2 47 | 2 80 | 2 60 | 26 | 2 31 | 2 00 | 2 30 | 2 85 |

The following table shows the receipts and shipments of nails, for fifteen years, each year ending August 31st :

| YEARS. | Receipts. | Shipments. | YEARS. | Receipts. | Shipments. |
|---------------|-----------|------------|---------------|-----------|------------|
| 1864-65 | 157,292 | 148,537 | 1872-73 | 333,292 | 242,853 |
| 1865-66 | 282,397 | 259,042 | 1873-74 | 433,494 | 346,875 |
| 1866-67 | 331,278 | 262,517 | 1874-75 | 363,222 | 290,816 |
| 1867-68 | 328,112 | 204,580 | 1875-76 | 417,037 | 324,119 |
| 1868-69 | 332,658 | 252,160 | 1876-77 | 388,025 | 296,014 |
| 1869-70 | 290,781 | 221,527 | 1877-78 | 431,245 | 346,700 |
| 1870-71 | 376,094 | 300,239 | 1878-79 | 509,164 | 435,192 |
| 1871-72 | 343,900 | 259,788 | | | |

Table showing the movement of iron and steel of all kinds, at Cincinnati, for thirty-four years :

| YEARS. | RECEIPTS. | | | | SHIPMENTS. | | | |
|--------------|------------------------------|---------|----------|---------------|------------------------------|---------|----------|---------------|
| | Manufactured Iron and Steel. | | | Pig. Tons. | Manufactured Iron and Steel. | | | Pig. Tons. |
| | Tons. | Pieces. | Bundles. | | Tons. | Pieces. | Bundles. | |
| 1845-46..... | 1,358 | 130,965 | 31,820 | 13,685 | 1,238 | 2,937 | 6,647 | ..... |
| 1846-47..... | 1,695 | 188,125 | 33,463 | 15,868 | 5,646 | 68,005 | 9,339 | ..... |
| 1847-48..... | 827 | 197,120 | 84,213 | 21,145 | 6,916 | 127,193 | 17,851 | ..... |
| 1848-49..... | 1,768 | 187,864 | 29,899 | 15,612 | 6,270 | 49,025 | 7,081 | ..... |
| 1849-50..... | 2,019 | 186,832 | 55,168 | 17,211 | 5,767 | 54,075 | 36,245 | ..... |
| 1850-51..... | 2,570 | 225,089 | 66,809 | 16,110 | 9,776 | 108,255 | 44,110 | ..... |
| 1851-52..... | 10,111 | 194,107 | 54,078 | 22,605 | 11,329 | 172,400 | 26,368 | ..... |
| 1852-53..... | 14,124 | 294,001 | 66,131 | 30,179 | 14,246 | 222,119 | 55,481 | ..... |
| 1853-54..... | 14,256 | 380,405 | 72,730 | 41,807 | 8,322 | 339,886 | 62,373 | ..... |
| 1854-55..... | 3,690 | 505,892 | 62,725 | 26,613 | 11,978 | 604,861 | 63,716 | ..... |
| 1855-56..... | 8,757 | 741,037 | 113,546 | 42,016 | 11,581 | 855,718 | 72,039 | ..... |
| 1856-57..... | 6,181 | 843,490 | 120,580 | 29,484 | 16,164 | 944,538 | 97,761 | ..... |
| 1857-58..... | 5,318 | 279,907 | 110,990* | 23,153 | 5,297 | 486,789 | 83,608 | 3,462 |
| 1858-59..... | 8,947 | 298,560 | 174,291 | 33,960 | 7,908 | 532,995 | 111,703 | 3,987 |
| 1859-60..... | 8,378 | 897,466 | 95,448 | 37,550 | 6,934 | 575,268 | 129,030 | 4,667 |
| 1860-61..... | 8,835 | 142,997 | 29,821 | 23,632 | 4,281 | 327,205 | 107,964 | 5,143 |
| 1861-62..... | 6,756 | 130,283 | 34,920 | 23,702 | 7,982 | 258,780 | 55,550 | 5,302 |
| 1862-63..... | 16,747 | 146,446 | 23,130 | 39,151 | 13,332 | 177,278 | 39,623 | 4,968 |
| 1863-64..... | 28,191 | 181,791 | 46,448 | 44,098 | 15,832 | 124,792 | 36,019 | 10,826 |
| 1864-65..... | 21,158 | 113,304 | 33,919 | 23,467 | 10,598 | 135,311 | 28,286 | 8,532 |
| 1865-66..... | 56,198 | 118,155 | 31,911 | 55,849 | 27,080 | 154,800 | 10,485 | 29,005 |
| 1866-67..... | 58,699 | 51,844 | 43,472 | 35,660 | 35,556 | 142,423 | 41,263 | 14,571 |
| 1867-68..... | 58,099 | 96,582 | 35,544 | 32,694 | 11,363 | 244,808 | 59,042 | 18,254 |
| 1868-69..... | 63,080 | 150,838 | 73,303 | 41,093 | 14,854 | 281,386 | 80,568 | 24,654 |
| 1869-70..... | 71,955 | 148,403 | 34,245 | 53,668 | 35,141 | 191,538 | 49,786 | 20,712 |
| 1870-71..... | 67,598 | 89,561 | 9,459 | 56,758 | 36,016 | 255,038 | 49,696 | 25,558 |
| 1871-72..... | 79,661 | 134,670 | 10,569 | 112,783 | 51,322 | 179,811 | 25,399 | 47,444 |
| 1872-73..... | 61,117 | 107,587 | 4,293 | *130,795 | 37,706 | 40,817 | 3,291 | *82,565 |
| 1873-74..... | 44,237 | 159,859 | 68,057 | *97,815 | 30,617 | 74,048 | 105,875 | *60,356 |
| 1874-75..... | 39,749 | 105,606 | 73,733 | *117,225 | 24,952 | 96,944 | 172,327 | *73,610 |
| 1875-76..... | 49,502 | 168,215 | 156,821 | *137,646 | 32,640 | 80,845 | 67,536 | *124,897 |
| 1876-77..... | 57,289 | 404,769 | 182,870 | *129,194 | 29,183 | 258,466 | 119,746 | *113,954 |
| 1877-78..... | 43,737 | 451,327 | 205,912 | *125,912 | 41,655 | 321,453 | 191,101 | *102,021 |
| 1878-79..... | 68,528 | 162,287 | 88,149 | *212,281 | 62,980 | 142,465 | 85,685 | *187,699 |

*Iron sold here, but shipped directly from the furnaces or places of storage to destination, without coming to Cincinnati, is embraced in these figures.

LEAD AND SHOT.

The business in lead shows an increase over the preceding year. The receipts for the year aggregate 129,212 pigs, compared with 106,060 in 1877-78. The market has presented mainly the opposite phase from the preceding year, when it was constantly depressed and prices were steadily declining. The decline, which was marked in 1877-78, continued into the past year, the quotation for the first two months having been \$3 50 per 100 pounds from store, and in striking contrast with \$19 00 near the close of 1863-64, when stimulated by the extraordinary demands of the war and inflation of that period. After this, prices were mainly better, with a very strong market at the close, and the promise of much higher rates. The average quotation for the year was \$3 83 per 100 pounds, compared with \$4 85 in 1877-78, \$6 40 in 1876-77, \$6 93.7 in 1875-76, \$6 74.8 in 1874-75, and \$7 24.6 in 1873-74.

Shot was uniform in price, there having been no quotable change throughout the year. There was at one time a decline, but prices went almost immediately back to their old position, and so remained to the close. There was a good healthful demand throughout the year, the general condition having been an improvement over 1877-78.

The average quotations for the year was \$1 60 per bag, in comparison with \$1 91.5 in the previous year, \$2 25 in 1876-77, \$2 30 in 1875-76, \$2 06 in 1874-75, and \$2 39.6 in 1873-74. The receipts were the equivalent of 2,266 kegs of 12 bags each, in comparison with 3,836 kegs in 1877-78.

Table showing the price, from store, of lead, at Cincinnati, per 100 pounds, and of shot per bag, on Tuesday of each week, in two years :

| DATES. | Pig Lead, per 100 lbs. | | Shot, per bag. | | DATES. | Pig Lead, per 100 lbs. | | Shot, per bag. | |
|------------------|---------------------------|---------|----------------|---------|---------------|---------------------------|---------|----------------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 2..... | \$3 50 | \$5 50 | \$1 60 | \$2 10 | March 4..... | \$4 00 | \$5 00 | \$1 60 | \$1 80 |
| 10..... | 3 50 | 5 50 | 1 60 | 2 10 | 11..... | 4 00 | 4 50 | 1 60 | 1 80 |
| 17..... | 3 50 | 5 50 | 1 60 | 2 10 | 18..... | 4 00 | 4 50 | 1 60 | 1 80 |
| 24..... | 3 50 | 5 50 | 1 60 | 2 10 | 25..... | 4 00 | 4 50 | 1 60 | 1 80 |
| October 1..... | 3 50 | 5 50 | 1 60 | 2 10 | April 1..... | 3 75 | 4 50 | 1 60 | 1 80 |
| 8..... | 3 50 | 5 50 | 1 60 | 2 10 | 8..... | 3 75 | 4 50 | 1 60 | 1 80 |
| 15..... | 3 50 | 5 50 | 1 60 | 2 10 | 15..... | 3 75 | 4 50 | 1 60 | 1 80 |
| 22..... | 3 50 | 5 50 | 1 60 | 2 10 | 22..... | 4 00 | 4 50 | 1 60 | 1 80 |
| 29..... | 3 50 | 5 50 | 1 60 | 2 10 | 29..... | 4 00 | 4 50 | 1 60 | 1 80 |
| November 5..... | 3 75 | 5 50 | 1 60 | 2 10 | May 6..... | 4 00 | 4 50 | 1 60 | 1 80 |
| 12..... | 3 75 | 5 50 | 1 60 | 2 10 | 13..... | 4 00 | 4 25 | 1 60 | 1 80 |
| 19..... | 3 75 | 5 50 | 1 60 | 2 10 | 20..... | 4 00 | 4 25 | 1 60 | 1 80 |
| 26..... | 3 75 | 5 50 | 1 60 | 2 10 | 27..... | 4 00 | 4 25 | 1 60 | 1 80 |
| December 3..... | 3 75 | 5 50 | 1 60 | 2 10 | June 3..... | 4 00 | 4 25 | 1 60 | 1 80 |
| 10..... | 3 75 | 5 50 | 1 60 | 2 10 | 10..... | 4 00 | 4 25 | 1 60 | 1 80 |
| 17..... | 3 75 | 5 50 | 1 60 | 2 10 | 17..... | 4 00 | 4 25 | 1 60 | 1 80 |
| 24..... | 3 75 | 5 50 | 1 60 | 2 10 | 24..... | 3 75 | 4 25 | 1 60 | 1 80 |
| 31..... | 3 75 | 5 50 | 1 60 | 2 10 | July 1..... | 3 75 | 4 25 | 1 60 | 1 60 |
| January 7..... | 3 75 | 5 50 | 1 60 | 2 10 | 8..... | 3 75 | 4 00 | 1 60 | 1 60 |
| 14..... | 4 00 | 5 50 | 1 60 | 2 10 | 15..... | 3 75 | 4 00 | 1 60 | 1 60 |
| 21..... | 4 00 | 5 50 | 1 60 | 2 10 | 22..... | 4 00 | 4 00 | 1 60 | 1 60 |
| 28..... | 4 00 | 5 50 | 1 60 | 2 10 | 29..... | 4 00 | 1 00 | 1 60 | 1 60 |
| February 4..... | 4 00 | 5 00 | 1 60 | 2 10 | August 5..... | 4 00 | 4 00 | 1 60 | 1 60 |
| 11..... | 4 00 | 5 00 | 1 60 | 2 10 | 12..... | 4 00 | 4 00 | 1 60 | 1 60 |
| 18..... | 4 00 | 5 00 | 1 60 | 2 10 | 19..... | 4 00 | 4 00 | 1 60 | 1 60 |
| 25..... | 4 00 | 5 00 | 1 60 | 2 10 | 26..... | 4 00 | 4 00 | 1 60 | 1 60 |

Table showing the annual receipts of lead and shot, at Cincinnati, in thirty-three years:

| YEARS. | Lead, pigs. | Shot, kegs. | YEARS. | Lead, pigs. | Shot, kegs. | YEARS. | Lead, pigs. | Shot, kegs. |
|--------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|
| 1846-47..... | 43,675 | 1,118 | 1857-58..... | 59,866 | 1,562 | 1868-69..... | 50,708 | 1,885 |
| 1847-48..... | 39,607 | 809 | 1858-59..... | 52,035 | 2,068 | 1869-70..... | 62,938 | 3,115 |
| 1848-49..... | 45,544 | 818 | 1859-60..... | 62,069 | 3,002 | 1870-71..... | 70,975 | 3,484 |
| 1849-50..... | 49,197 | 1,447 | 1860-61..... | 51,692 | 2,356 | 1871-72..... | 80,259 | 4,727 |
| 1850-51..... | 59,413 | 1,467 | 1861-62..... | 37,465 | 3,004 | 1872-73..... | 113,189 | 5,642 |
| 1851-52..... | 54,733 | 1,688 | 1862-63..... | 58,765 | 2,561 | 1873-74..... | 116,967 | 7,121 |
| 1852-53..... | 57,089 | 1,145 | 1863-64..... | 52,040 | 2,831 | 1874-75..... | 152,739 | 3,318 |
| 1853-54..... | 65,359 | 2,899 | 1864-65..... | 37,105 | 2,476 | 1875-76..... | 166,786 | 1,957 |
| 1854-55..... | 50,769 | 2,583 | 1865-66..... | 68,029 | 4,336 | 1876-77..... | 115,345 | 3,625 |
| 1855-56..... | 44,639 | 1,608 | 1866-67..... | 93,038 | 3,267 | 1877-78..... | 106,060 | 3,836 |
| 1856-57..... | 61,328 | 1,652 | 1867-68..... | 62,923 | 1,806 | 1878-79..... | 129,212 | 2,266 |

LEATHER.

The business in leather at Cincinnati during the past year has, manifestly, materially increased. The total value of leather manufactured here in the calendar year of 1878 was \$2,213,613, compared with \$1,850,000 in the preceding year. The commercial year would doubtless show a still greater increase. There have been two tanneries newly stocked during the year, while there has been considerable activity among all classes of

leather producers. This has been encouraged by a better state of affairs than has been witnessed for years before. There has been a disparity between the prices of leather and hides, the former having been relatively below the latter, but the market has had no excess of stocks, and though, on account of heavy competition, profits have been very slender, still the whole business is on a better footing than it has been for a number of years. A favorable feature of the market is the steady growth here of the manufactures requiring leather. This is especially marked in boots and shoes, which have materially increased in production and which now require more light sole leather than our tanneries can produce. The manufactures of harness and saddles have greatly increased, three new establishments, producing for wholesale purposes, having gone into operation during the year. While the manufactures in this class of goods have also been materially extended, the quality of the harness has been improved, the manufacturers having been ably seconded by the tanners, who have greatly improved their harness leather, both in quality and finish. There, too, has been an encouraging increase in the business of the dealers, which in this city occupies a prominent position among the commercial agencies which give the city prominence. It may not be known to very many of our citizens that we have here the largest house doing a general business in leather and findings, west of the sea-board. The receipts of leather at Cincinnati, during the year, aggregated 36,344 bundles, in comparison with 28,371 in 1877-78, exhibiting an increase of 7,973 bundles. The shipments aggregated 39,965 bundles, compared with 37,491. It will thus be seen that both receipts and production have increased more largely than the outward movement, and how our home market—the best of all markets—is growing.

City-tanned sole leather, for the best light to heavy, was quotable, at the opening of the year, at 29@32 cents per pound. In the winter and early spring, prices, for light leather, were slightly lower. In May, the lost ground was quite regained, and in July and August there was a stronger market, the year closing with the quotation at 30@34 cents. The average quotation was 30.63 cents per pound, compared with 32.69 in the previous year, 33.8 in 1876-77, 34.34 in 1875-76, 36.7 in 1874-75, 38.3 in 1873-74, and 40.1 in 1872-73.

Table showing the price, per pound, of city-tanned sole leather, at Cincinnati, on each Tuesday, in three years. The range given is for the best light and heavy oak leather, respectively:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 29@32c | 31@33c | 32@34c | March 4..... | 28@32c | 30@33c | 31@33c |
| 10..... | 29@32 | 31@33 | 32@34 | 11..... | 28@32 | 30@33 | 31@33 |
| 17..... | 29@32 | 31@33 | 32@34 | 18..... | 28@32 | 30@33 | 31@33 |
| 24..... | 29@32 | 31@33 | 32@34 | 25..... | 28@32 | 30@33 | 31@33 |
| October 1..... | 29@32 | 31@33 | 32@34 | April 1..... | 28@32 | 30@33 | 31@33 |
| 8..... | 29@32 | 31@33 | 32@34 | 8..... | 28@32 | 30@33 | 31@33 |
| 15..... | 29@32 | 31@33 | 32@34 | 15..... | 28@32 | 30@33 | 31@33 |
| 22..... | 29@32 | 31@33 | 32@34 | 22..... | 28@32 | 30@33 | 31@33 |
| 29..... | 29@32 | 31@33 | 32@34 | 29..... | 28@32 | 30@33 | 31@33 |
| November 5..... | 29@32 | 31@33 | 32@34 | May 6..... | 29@33 | 30@33 | 31@33 |
| 12..... | 29@32 | 31@33 | 33@35 | 13..... | 29@33 | 30@33 | 32@34 |
| 19..... | 29@32 | 31@33 | 33@35 | 20..... | 29@33 | 30@33 | 32@34 |
| 26..... | 29@32 | 31@33 | 33@35 | 27..... | 29@33 | 30@33 | 32@34 |
| December 3..... | 29@32 | 30@33 | 33@35 | June 3..... | 29@33 | 30@33 | 32@34 |
| 10..... | 28@32 | 30@33 | 33@35 | 10..... | 29@33 | 30@33 | 32@34 |
| 17..... | 28@32 | 30@33 | 34@36 | 17..... | 29@33 | 30@33 | 32@34 |
| 24..... | 28@32 | 30@33 | 34@36 | 24..... | 29@33 | 29@32 | 32@34 |
| January 1..... | 28@32 | 30@33 | 34@36 | July 1..... | 30@34 | 29@32 | 32@34 |
| 7..... | 28@32 | 30@33 | 34@36 | 8..... | 30@34 | 29@32 | 32@34 |
| 14..... | 28@32 | 30@33 | 34@36 | 15..... | 30@34 | 29@32 | 32@34 |
| 21..... | 28@32 | 30@33 | 34@36 | 22..... | 30@34 | 29@32 | 32@34 |
| 28..... | 28@32 | 30@33 | 34@36 | 29..... | 30@34 | 29@32 | 31@33 |
| February 4..... | 28@32 | 30@33 | 34@36 | August 5..... | 30@34 | 29@32 | 31@33 |
| 11..... | 28@32 | 30@33 | 34@36 | 12..... | 30@34 | 29@32 | 31@33 |
| 18..... | 28@32 | 30@33 | 34@36 | 19..... | 30@34 | 29@32 | 31@33 |
| 25..... | 28@32 | 30@33 | 34@36 | 26..... | 30@34 | 29@32 | 31@33 |

Table showing the comparative value, at Cincinnati, of the various kinds of leather, at the close of August, in two years:

| KINDS. | 1878-79 | 1877-78 | KINDS. | 1878-79 | 1877-78 |
|--------------------------------|----------|----------|------------------------------|---------------|---------------|
| Sole, city-tanned, per lb..... | 30@ 34c | 29@ 32c | Bridle, black, per doz..... | \$37 00@47 00 | \$37 00@47 00 |
| Hemlock "..... | 19@ 26 | 19@ 28 | Bridle, fair, "..... | 50 00@60 00 | 50 00@60 00 |
| Harness, "..... | 27@ 32 | 27@ 32 | SHEEP SKINS, | Per dozen. | Per dozen. |
| Skirting, "..... | 38@ 36 | 33@ 36 | | | |
| Rough leather, "..... | 23@ 26 | 23@ 26 | Pink and white linings..... | \$3 00@ 8 00 | \$3 00@ 8 00 |
| Calf skins, domestic, "..... | 70@ 1 00 | 70@ 1 00 | Russet linings and pads..... | 3 00@ 9 00 | 3 00@ 9 00 |
| Kip skins, "..... | 40@ 70 | 40@ 70 | Toppings, all colors..... | 6 50@10 00 | 6 50@10 00 |
| Upper, per foot..... | 17@ 19 | 17@ 19 | | | |

Table showing the annual movement of leather, at Cincinnati, for thirty-four years:

| DATES. | Receipts, bundles. | Shipments, bundles. | DATES. | Receipts, bundles. | Shipments, bundles. | DATES. | Receipts, bundles. | Shipments, bundles. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1845-46..... | 1,904 | ..... | 1856-57..... | 19,035 | ..... | 1868-69..... | 24,399 | 27,397 |
| 1846-47..... | 5,069 | ..... | 1857-58..... | 17,087 | 21,135 | 1869-70..... | 30,927 | 22,048 |
| 1847-48..... | 6,579 | ..... | 1858-59..... | 21,710 | 24,130 | 1870-71..... | 37,927 | 36,008 |
| 1848-49..... | 6,575 | ..... | 1859-60..... | 19,620 | 24,018 | 1871-72..... | 32,370 | 37,821 |
| 1849-50..... | 9,620 | ..... | 1860-61..... | 17,460 | 24,204 | 1872-73..... | 31,232 | 35,425 |
| 1850-51..... | 10,399 | ..... | 1861-62..... | 27,788 | 30,460 | 1873-74..... | 25,174 | 30,614 |
| 1851-52..... | 14,384 | ..... | 1862-63..... | 31,626 | 28,024 | 1874-75..... | 24,742 | 34,942 |
| 1852-53..... | 19,689 | ..... | 1863-64..... | 37,262 | 40,385 | 1875-76..... | 23,919 | 40,861 |
| 1853-54..... | 18,561 | ..... | 1864-65..... | 29,241 | 42,008 | 1876-77..... | 28,188 | 38,401 |
| 1854-55..... | 17,753 | ..... | 1865-66..... | 38,099 | 41,805 | 1877-78..... | 28,371 | 37,491 |
| 1855-56..... | 15,227 | ..... | 1866-67..... | 28,457 | 37,664 | 1878-79..... | 36,344 | 39,965 |
| | | | 1867-68..... | 20,966 | 24,930 | | | |

LUMBER.

The business in pine lumber, at this city, during the year, has shown a considerable increase over the preceding year, the receipts of white aggregating, approximately, 90,000,000 feet, and of yellow 6,000,000, compared with 68,000,000 of the former and 4,000,000 of the latter in 1877-78, and with the aggregate, of all kinds, of 84,000,000 feet in 1876-77, 54,000,000 in 1875-76, 62,000,000 in 1874-75, and 56,000,000 in 1873-74. Our sources of supply have remained without change. The demand has been good the whole year, and there have been no excessive stocks anywhere, owing to increased building, which has made liberal demands on supplies the season through. There was a steady market, with no quotable change in prices, though at the close, under the stimulation of reported short supplies in almost all directions and the improved business generally of the country, there was a strong tone, which presaged materially increased values.

Table showing the price per thousand feet, of dry pine lumber, from the yards at Cincinnati, at the close of August, for five years:

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 |
|----------------------------|---------------|---------------|-------------|---------------|---------------|
| Clear..... | \$35 00@40 00 | \$35 00@40 00 | \$45 00 | \$47 50@52 50 | \$50 00@55 00 |
| First common..... | 30 00@35 00 | 30 00@35 00 | 40 00 | 42 50@45 00 | 45 00 |
| Second common..... | 22 00@22 50 | 22 00@22 50 | 22 50 | 25 00@30 00 | 27 50@30 00 |
| Third common..... | 14 00@15 00 | 14 00@15 00 | 14 00@15 00 | 16 00@20 00 | 18 00@20 00 |
| Framing timber..... | 15 00@18 00 | 15 00@18 00 | 14 00@20 00 | 16 00@25 00 | 17 00@25 00 |
| No. 1 shaved shingles..... | 4 50 | 4 50 | 4 75 | 5 00@ 5 25 | 5 75@ 6 00 |
| No. 1 sawed shingles..... | 3 50 | 3 50 | 3 75 | 4 00@ 4 50 | 4 75@ 5 00 |
| Pine lath, sawed..... | 2 50 | 2 50 | 2 50 | 2 75@ 3 00 | 2 75@ 3 00 |

The hard wood lumber trade also exhibits an increase over the previous year, though it has not been so marked as in pine lumber. The approximate aggregate receipts were 18,000,000 feet, compared with 17,000,000 in 1877-78, and 16,700,000 in 1876-77. The prices of the previous year have been steadily maintained. The year closed with prices not quotably changed, but with a materially improved tone to the market, and greater firmness on the part of the holders, which has been specially apparent in the last six months, with the hard wood lumber market in a healthy condition, and good promise for the coming year.

Table showing the price, per thousand feet, of green hard lumber, at Cincinnati, at the close of August, in six years:

| KINDS. | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Ash | \$18 00@25 00 | \$18 00@25 00 | \$20 00@23 00 | \$20 00@25 00 | \$20 00@25 00 | \$22 00@27 00 |
| Cherry | 30 00@45 00 | 30 00@45 00 | 20 00@30 00 | 25 00@35 00 | 25 00@35 00 | 24 00@35 00 |
| Elm | 14 00@15 00 | 14 00@15 00 | 14 00@15 00 | 14 00@20 00 | 14 00@20 00 | 16 00@20 00 |
| Gum | 14 00@15 00 | 14 00@15 00 | 14 00@16 00 | 14 00@18 00 | 14 00@18 00 | 16 00@18 00 |
| Hickory | 18 00@25 00 | 18 00@25 00 | 20 00@25 00 | 20 00@25 00 | 25 00@32 00 | 25 00@32 00 |
| Oak | 14 00@22 00 | 14 00@22 00 | 15 00@23 00 | 18 00@25 00 | 23 00@25 00 | 23 00@25 00 |
| Poplar | 12 00@23 00 | 12 00@23 00 | 12 00@23 00 | 15 00@25 00 | 15 00@25 00 | 18 00@25 00 |
| Sycamore | 12 00@15 00 | 12 00@15 00 | 12 00@14 00 | 14 00@18 00 | 16 00@20 00 | 16 00@20 00 |
| Walnut | 30 00@45 00 | 30 00@45 00 | 30 00@55 00 | 35 30@50 00 | 35 00@55 00 | 35 00@55 00 |

NAVAL STORES.

The general business in naval stores at Cincinnati has not, in volume, varied materially from the previous year. Prices during much the greater part of the year were extremely low and showed little sign of reaction, till about the close of the commercial year. The business in rosin has been much more satisfactory to the dealers, because the market mainly has been free from the heavy consignments to this place, which have for years entailed accumulations which have more or less demoralized prices. Stocks have not at any time been heavy and the business has been healthy. No. 2 rosin during most of the year was quotable at about \$2 00 per barrel. In the last three months of the commercial year, prices were lower. Late in June, purchases were made, laid down at Cincinnati, at \$1 50, the selling price generally being \$1 75. In August the market was somewhat better, rosin having advanced about 15 cents per barrel. The receipts aggregated 30,056 barrels, compared with 31,395 in 1877-78. The business in tar has been unsatisfactory. Sales were diminished materially, because of the general introduction of axle grease, and the market had a declining tendency from September until May, when Carolina tar reached, at Wilmington, 80@90 cents per barrel, making its valuation here \$2 00@2 25 per barrel, the year having come in at about \$2 75@3 00 at this city. The receipts of turpentine show a material increase, having been 5,661 barrels, compared with 4,877 in 1877-78. The year has been distinguished for its low prices. From the opening of the calendar year until April there was a gradual appreciation, the price reaching 36 cents about the middle of that month. Thenceforward values slowly receded, reaching 27½ cents in August. The entire receipts of naval stores for the year aggregated 41,963 barrels, compared with 40,911 in the previous year.

Table showing the receipts of naval stores, at Cincinnati, for eight consecutive years :

| ARTICLES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 | 1872-73 | 1871-72 |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Pitch, bbls..... | 1,670 | 1,646 | 5,794 | 1,715 | 1,182 | 2,820 | 1,242 | 7,770 |
| Rosin, bbls..... | 30,050 | 31,395 | 30,125 | 22,342 | 24,001 | 14,484 | 19,042 | 14,819 |
| Tar, bbls..... | 4,576 | 2,993 | 4,562 | 3,553 | 4,881 | 5,259 | 5,612 | 3,344 |
| Turpentine, bbls..... | 5,661 | 4,877 | 4,138 | 4,677 | 5,520 | 5,376 | 5,172 | 4,843 |
| Total | 41,963 | 40,911 | 44,619 | 32,287 | 35,584 | 27,989 | 31,668 | 23,786 |

OILS.

LARD OIL.

The business in lard oil during the year shows a favorable increase. There has been an enlarged demand for oil, growing out of an increased use of machinery of all kinds, and though there was considerable depression in the winter at times, the season generally has been an improvement over the last. Prices, however, have been very low. Extra lard oil which, in September, was quotable at 63@65 cents per gallon, by the middle of January had declined to the extremely low price of 46@48 cents. Prices improved as the winter advanced, but receded again in the spring, and were almost as low at the close of August as they had been at any time during the year. The average quotation for extra oil was 54.6 cents per gallon, compared with 68 cents in 1877-78, 88.6 in 1876-77, \$1 03.3 in 1875-76, and \$1 06.8 in 1874-75.

Table showing the quotations for extra lard oil, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 63@63c | 75@78c | 90@ 95c | March 4..... | 56@58c | 66@68c | 90@93c |
| 10..... | 63@65 | 75@78 | 90@ 95 | 11..... | 58@60 | 66@68 | 90@93c |
| 17..... | 63@65 | 75@78 | 90@ 95 | 18..... | 65@67 | 65@67 | 85@90 |
| 24..... | 63@65 | 75@78 | 90@ 95 | 25..... | 58@55 | 65@67 | 85@90 |
| October 1..... | 63@65 | 75@78 | 90@ 95 | April 1..... | 62@65 | 63@65 | 85@90 |
| 8..... | 63@65 | 75@78 | 90@ 95 | 8..... | 63@65 | 63@65 | 85@90 |
| 15..... | 63@65 | 75@78 | 90@ 95 | 15..... | 62@65 | 62@64 | 85@90 |
| 22..... | 63@65 | 75@78 | 90@ 95 | 22..... | 61@64 | 62@64 | 85@90 |
| 29..... | 58@61 | 75@78 | 90@ 95 | 29..... | 62@65 | 62@64 | 85@90 |
| November 5..... | 58@61 | 75@78 | 90@ 95 | May 6..... | 62@65 | 62@64 | 82@85 |
| 12..... | 58@61 | 75@78 | 90@ 95 | 13..... | 62@65 | 62@64 | 82@85 |
| 19..... | 56@59 | 73@75 | 90@ 95 | 20..... | 62@65 | 61@63 | 82@85 |
| 26..... | 56@59 | 73@75 | 90@ 95 | 27..... | 61@64 | 61@63 | 82@85 |
| December 3..... | 53@56 | 73@75 | 90@ 95 | June 3..... | 61@64 | 61@63 | 82@85 |
| 10..... | 53@56 | 73@75 | 90@ 95 | 10..... | 61@64 | 61@63 | 82@85 |
| 17..... | 50@53 | 73@75 | 90@ 95 | 17..... | 61@64 | 61@63 | 82@85 |
| 24..... | 50@53 | 73@75 | 90@ 95 | 24..... | 61@64 | 61@63 | 82@85 |
| 31..... | 48@50 | 68@70 | 95@1 00 | July 1..... | 61@64 | 60@62 | 82@85 |
| January 7..... | 48@50 | 68@70 | 95@1 00 | 8..... | 61@64 | 60@62 | 82@85 |
| 14..... | 46@48 | 67@69 | 95@1 00 | 15..... | 61@64 | 60@62 | 82@85 |
| 21..... | 46@48 | 67@69 | 95@1 00 | 22..... | 49@52 | 60@62 | 82@85 |
| 28..... | 48@50 | 67@69 | 95@1 00 | August 5..... | 48@51 | 60@62 | 73@78 |
| February 4..... | 50@53 | 66@68 | 95@1 00 | 12..... | 47@50 | 63@65 | 75@78 |
| 11..... | 55@58 | 66@68 | 95@1 00 | 19..... | 47@50 | 63@65 | 75@78 |
| 18..... | 56@58 | 66@68 | 92@ 95 | 26..... | 47@50 | 63@65 | 75@78 |
| 25..... | 56@58 | 66@68 | 92@ 95 | | | | |

* No session of the Chamber.

LINSEED OIL.

The stock of linseed oil carried over to the year 1878-79 was small, but the crop of seed in 1878 was large, so that the prices of oil about harvest were low. There, however, was a large demand from the East, which moved prices upward, until in September, when the quotation here was 57@58 cents per gallon. Thence until December, there was much unsteadiness to the market, and at times it was difficult to furnish a quotation, because of the difference in views as to its value. At the commencement of winter, at a meeting held in Chicago, an arrangement was made between the crushers of the West, almost without exception, to consolidate their interests, so far as maintaining prices was concerned. A joint stock company was formed, in which they all took shares, for the purpose of taking all the oil that was not required for local purposes, until such time as there was a demand for it. It was so constituted as to enable the company to control the price, which it did effectually. The new arrangement went into operation December 6, 1878, and from that time, during the remainder of the year, there was but 4 cents difference between the highest and lowest quotations. The price in December was 61 cents. It steadily advanced, early in the year, to 65 cents; and, with the exception of of an interval in April, May and June, when it was 3 cents less, remained at this quotation to the close of the year. A striking fact, in connection with the arrangement, was that it directly benefitted the general trade in oil, which was larger than ever before, and secured a steadiness to the market which was beneficial to consumers and crushers alike. As would be readily anticipated, there was an absence of all speculative tendencies, and one of the most satisfactory oil years on record. The shipments of oil, from the West to the East, were large, and the quantity required for consumption, from May 1st to the close of the year, was probably greater than ever known, growing out of the large amount of house painting done. The average quotation for the year was 61.85 cents per gallon, compared with 56.85 in the previous year, and 62 in 1876-77.

Table showing the quotation for linseed oil, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------|---------|---------|---------------|---------|---------|---------|
| September 3..... | 56@57c | 50@52c | 48@50c | March 4..... | 65c | 60c | 66c |
| 10..... | 57@58 | 51@53 | 48@50 | 11..... | 65 | 60 | 66 |
| 17..... | 57@58 | 55 | 48@50 | 18..... | 65 | 60 | 66 |
| 24..... | 56@58 | 56@58 | 50@52 | 25..... | 65 | 60 | 66 |
| October 1..... | 55@57 | 58@60 | 50@52 | April 1..... | 65 | 60 | 66 |
| 8..... | 60 | 60 | 51@53 | 8..... | 65 | 61@63 | 66 |
| 15..... | 55@57 | 60 | 53@54 | 15..... | 65 | 61@63 | 66 |
| 22..... | 54@56 | 60 | 57@58 | 22..... | 65 | 61@63 | 66 |
| 29..... | 54@56 | 58 | 57@58 | 29..... | 62 | 61@63 | 66 |
| November 5..... | 54@56 | 51 | 58 | May 6..... | 62 | 61@63 | 68@71 |
| 12..... | 57@58 | 55 | 58 | 13..... | 62 | 58@60 | 68@71 |
| 19..... | 58@59 | 53 | 58 | 20..... | 62 | 58@60 | 68@71 |
| 26..... | 58@59 | 53 | 58 | 27..... | 62 | 58@60 | 68@71 |
| December 3..... | 59@59 | 55 | 58 | June 3..... | 62 | 55@57 | 72@75 |
| 10..... | 61 | 55 | 58 | 10..... | 62 | 55@57 | 72@75 |
| 17..... | 61 | 56 | 58 | 17..... | 62 | 55@57 | 68@71 |
| 24..... | 61 | 60@62 | 60@62 | 24..... | 65 | 53@54 | 68@71 |
| January 31..... | 61 | 63@65 | 63@65 | July 1..... | 65 | 51@53 | 65@67 |
| 7..... | 61 | 58 | 63@65 | 8..... | 65 | 51@53 | 65@67 |
| 14..... | 61 | 59 | 63@65 | 15..... | 65 | 51@53 | 63@65 |
| 21..... | 63 | 60 | 63@65 | 22..... | 65 | 51@53 | 61@63 |
| 28..... | 63 | 60 | 63@65 | 29..... | 65 | 51@52 | 60@62 |
| February 4..... | 63 | 60 | 63@65 | August 5..... | 65 | 51@52 | 58@60 |
| 11..... | 65 | 60 | 63@65 | 12..... | 65 | 50@52 | 55@57 |
| 18..... | 65 | 60 | 66 | 19..... | 65 | 50@52 | 54@56 |
| 25..... | 65 | 60 | 66 | 26..... | 66 | 53@55 | 51@53 |

* No session of the Chamber.

Table showing the average quotation for linseed oil, at Cincinnati, in twenty-four years :

| | | | | | |
|--------------|----------|--------------|---------|--------------|-----------|
| 1855-56..... | \$0 97.4 | 1863-64..... | \$1 45 | 1871-72..... | \$0 85.12 |
| 1856-57..... | 92.5 | 1864-65..... | 1 33.25 | 1872-73..... | 90.4 |
| 1857-58..... | 92.5 | 1865-66..... | 1 59 | 1873-74..... | 97.15 |
| 1858-59..... | 72 | 1866-67..... | 1 47.5 | 1874-75..... | 76.46 |
| 1859-60..... | 61.5 | 1867-68..... | 1 13 | 1875-76..... | 58.12 |
| 1860-61..... | 55 | 1868-69..... | 1 02.62 | 1876-77..... | 62 |
| 1861-62..... | 76.5 | 1869-70..... | 96.75 | 1877-78..... | 56.85 |
| 1862-63..... | 1 22 | 1870-71..... | 93.25 | 1878-79..... | 61.85 |

PETROLEUM.

The past year has been distinguished by very low prices, materially increased consumption, and marked changes in this locality in the quality of the oil sought by consumers. The price of carbon oil of 110° at the refineries steadily declined from the opening of the calendar year, until late in June, when it reached the extraordinarily low rate of 6¼ cents per gallon, and so remained until the close of the year, when, however, there was a strong feeling and the promise of material advance in prices. At Cincinnati, 120° oil, flash (Ohio legal) test, ranged from 12@13 cents per gallon, during the first four months, with the exception of a very brief interval in November. In January, February, and a part of March, it ranged from 12@14 cents, and then steadily declined, until reaching 9¾@10¼ cents late in the year. Oil of 110° fire test, which is the general standard, for the same period ranged from ¾@1½ cents below these quotations, the year closing with the quotation at 9@9½ cents, the lowest prices at which the oil has ever ruled in this market. The average price for 110° fire test, at Cincinnati, was 10.15 cents per gallon, compared with 12.95 in 1877-78, 20.45 in 1876-77, 13.83 in 1875-76, 12.8 in 1874-75, 15.3 in 1873-74, and 21.8 in 1872-73. The average quotation here for 120° flash (Ohio) test was 11.56 cents per gallon. There have been marked favorable changes growing out of the enactment of the law, which went into effect May 15, 1878, for the protection of consumers of carbon oil. This legal action has driven out the dangerous oils, and, with a larger intelligence on the subject generally, has followed, a demand for better oils. It is believed that fully one-half of the oil now used in this city is what is known as the water white oil, which commands about 3 cents above the quality known as the Ohio legal test, which is 120° flash test. The increase in the number of consumers is very manifest, the improved quality and consequent safety, and the cheapness of the article helping it to make steady inroads on the consumption of gas. The increase in the business here is shown both from the receipts, which have been the largest in the history of the city, and from the returns of sales made by the receivers and dealers. The aggregate receipts for the year were 201,648 barrels, compared with 164,657 barrels in the previous year. The total sales from first hands more accurately exhibit the business of the city, inasmuch as larger quantities are being sold here each year, for direct shipment from the refineries, in tanks, to places of consumption throughout the West, because of the relatively cheaper transportation. The sales of the year from first hands of all kinds of petroleum, according to private returns made to the Superintendent of the Merchants' Exchange, aggregated 286,804 barrels, compared with 217,294 in 1877-78, 175,374 in 1876-77, 152,127 in 1875-76, and 148,194 in 1874-75, showing an increase in the past year over the preceding one of 69,510 barrels. The aggregate for 1878-79 consisted of 251,098 barrels of illuminating oil, compared with 183,509 in 1877-78, 140,267 in 1876-77, and 123,378 in 1875-76; and of lubricating and crude oils 35,706 barrels, in comparison with 33,785 in 1877-78, 35,107 in 1876-77, and 28,729 in 1875-76.

It will thus be seen that the business of the year has largely increased over the previous year, both in sales from first hands and in actual movement at this city. The aggregate sales of all kinds of petroleum show an increase of over 24 per cent. The enlargement is mainly found in illuminating oils, which exhibit an increase of 67,589 barrels. The year not only stands out as the largest, by far, in the history of the business at Cincinnati, but is also replete with evidence of the enterprise which controls this important department of our trade and which gives promise of still larger results.

Table showing the quotation for carbon oil, 110° fire test, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|----------|----------|----------|---------------|----------|----------|----------|
| September 3..... | 10½@11½c | 13½@14½c | 24½@25½c | March 4..... | 10½@11½c | 12 @13c | 15 @17c |
| 10..... | 10½@11½c | 13½@14½c | 25 @25½c | 11..... | 10½@11½c | 12 @13c | 14 @16c |
| 17..... | 10½@11½c | 14 @15c | 25½@26½c | 18..... | 10 @11c | 12 @13c | 15 @16c |
| 24..... | 10½@11½c | 14½@15½c | 25½@26½c | 25..... | 9½c | 12 @13c | 15 @17c |
| October 1..... | 10½@11½c | 14½@15½c | 25½@26½c | April 1..... | 9½c | 12 @13c | 16 @17c |
| 8..... | 10½@11½c | 14½@15½c | 25½@26½c | 8..... | 9½c | 12 @13c | 16 @17c |
| 15..... | 10½@11½c | 14½@15½c | 25 @26c | 15..... | 9½@9½c | 12 @13c | 15½@16½c |
| 22..... | 10½@11½c | 13½@14½c | 25 @26c | 22..... | 9½@9½c | 12 @13c | 15 @16c |
| 29..... | 10½@11½c | 13½@14½c | 25 @26c | 29..... | 9½@9½c | 12 @13c | 14½@15½c |
| November 5..... | 10 @10½c | 13½@14½c | 25 @26c | May 6..... | 9½@9½c | 12 @13c | 14½@15½c |
| 12..... | 10 @11c | 13½@14½c | 25 @26c | 13..... | 9½@9½c | 12 @13c | 14 @15c |
| 19..... | 10 @11c | 13½@14½c | 25 @26c | 20..... | 9 @9½c | 12 @13c | 14 @15c |
| 26..... | 10 @11c | 13½@14½c | 25 @26c | 27..... | 9½c | 12 @13c | 14 @15c |
| December 3..... | 10 @11c | 13½@14½c | 25 @26c | June 3..... | 9½@9½c | 12 @13c | 14 @15c |
| 10..... | 10 @11c | 13½@14½c | 28 @29c | 10..... | 9 @9½c | 12 @13c | 14 @15c |
| 17..... | 10 @11c | 13½c | 30 | 17..... | 9 @9½c | 12 @13c | 14 @15c |
| 24..... | 10 @11c | 13½c | 30 | 24..... | 9 @9½c | 12 @13c | 13 @14c |
| 31..... | 10 @11c | 13½c | 30 | July 1..... | 9 @9½c | 12 @13c | 13½@14c |
| January 7..... | 10½@11½c | 12 @14c | 29 @30c | 8..... | 9 @9½c | 12 @13c | 12½@13½c |
| 14..... | 10½@11½c | 12 @14c | 29 @30c | 15..... | 9 @9½c | 12 @13c | 13½@14½c |
| 21..... | 10½@11½c | 12 @14c | 28 @29c | 22..... | 9 @9½c | 12 @13c | 14 @15c |
| 28..... | 10½@11½c | 12 @14c | 28 @29c | 29..... | 9 @9½c | 10½@11½c | 14 @15c |
| February 4..... | 10½@11½c | 12 @14c | 27 @28c | August 5..... | 9 @9½c | 10½@11½c | 14 @15c |
| 11..... | 10½@11½c | 12 @14c | 27 @28c | 12..... | 9 @9½c | 10½@11½c | 13½@14½c |
| 18..... | 10½@11½c | 12 @13c | 27 @25c | 19..... | 9 @9½c | 10½@11½c | 13½@14c |
| 25..... | 10½@11½c | 12 @13c | 18 @20c | 26..... | 9 @9½c | 10½@11½c | 13½@14½c |

* Election days. No session of the Chamber.

Table showing the annual receipts of petroleum of all kinds, at Cincinnati, in eighteen years:

| YEARS. | Barrels. | YEARS. | Barrels. | YEARS. | Barrels. |
|--------------|----------|--------------|----------|--------------|----------|
| 1861-62..... | 21,926 | 1867-68..... | 101,353 | 1873-74..... | 177,282 |
| 1862-63..... | 28,805 | 1868-69..... | 108,799 | 1874-75..... | 152,776 |
| 1863-64..... | 48,131 | 1869-70..... | 131,293 | 1875-76..... | 160,425 |
| 1864-65..... | 50,295 | 1870-71..... | 138,775 | 1876-77..... | 166,223 |
| 1865-66..... | 100,870 | 1871-72..... | 129,767 | 1877-78..... | 164,657 |
| 1866-67..... | 113,077 | 1872-73..... | 170,368 | 1878-79..... | 201,648 |

The quotations for the oils, under the head of petroleum, which are quoted by the Chamber of Commerce, at Cincinnati, on the last day of August, in six years, were as follows:

| KINDS. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|--|----------|----------|----------|----------|---------|----------|
| Carbon Oil, 110° fire test, per gal..... | 9 @9½c | 10½@11½c | 13½@14½c | 23½@24½c | 12@13c | 12½@13½c |
| " " 120° flash test | 9½@10½c | 12 @13c | ..... | ..... | ..... | ..... |
| " H. L. 175° fire test | 16 @17½c | 17 @19c | 19 @20c | 32 @33c | 18@20c | 21 @23c |
| West Virginia, 25° gravity | 18 @22c | 24 @25c | 22 @25c | 25 @28c | 25@28c | 25 @28c |
| " 29° " | 16 | 16 @20c | 18 @20c | 24 @27c | 24@27c | 25 |

Table showing the annual receipts of all oils, excepting petroleum, and all the shipments, including petroleum, at Cincinnati, in thirty-four years :

| YEARS. | Receipts, bbls. | Shipments, bbls. | YEARS. | Receipts, bbls. | Shipments, bbls. | YEARS. | Receipts, bbls. | Shipments, bbls. |
|---------------|--------------------|---------------------|---------------|--------------------|---------------------|---------------|--------------------|---------------------|
| 1845-46 | 3,706 | 2,105 | 1856-57 | 12,545 | 46,334 | 1868-69 | 14,546 | 119,705 |
| 1846-47 | 5,663 | 12,261 | 1857-58 | 16,150 | 41,525 | 1869-70 | 24,437 | 142,390 |
| 1847-48 | 6,618 | 12,155 | 1858-59 | 17,975 | 41,146 | 1870-71 | 19,446 | 155,196 |
| 1848-49 | 7,427 | 12,570 | 1859-60 | 21,844 | 50,846 | 1871-72 | 21,547 | 138,264 |
| 1849-50 | 5,049 | 21,863 | 1860-61 | 43,549 | 53,803 | 1872-73 | 23,494 | 182,231 |
| 1850-51 | 6,764 | 33,931 | 1861-62 | 24,025 | 58,465 | 1873-74 | 21,804 | 196,513 |
| 1851-52 | 8,305 | 34,207 | 1862-63 | 15,059 | 78,429 | 1874-75 | 30,000 | 167,783 |
| 1852-53 | 10,517 | 38,278 | 1863-64 | 11,353 | 83,740 | 1875-76 | 59,364 | 187,845 |
| 1853-54 | 11,228 | 53,685 | 1864-65 | 65,343 | 73,633 | 1876-77 | 59,992 | 210,584 |
| 1854-55 | 8,345 | 47,049 | 1865-66 | 16,836 | 106,202 | 1877-78 | 54,285 | 202,653 |
| 1855-56 | 13,083 | 50,351 | 1866-67 | 15,950 | 126,957 | 1878-79 | 71,074 | 247,866 |
| | | | 1867-68 | 13,976 | 103,411 | | | |

PAPER.

The year in the paper business at Cincinnati and in the vicinity has been distinguished by very low prices, increased production, and conditions at last which promised a permanent improvement in this department of our manufactures. Prices, it was thought at the close of the preceding year, had reached their lowest point, but the past year marked a general decline, as noticeable almost as had distinguished any other period. It is estimated that, compared with the average prices for 1877-78, the average prices of book paper declined from 12@18 per cent., news 14@15 per cent., ham straw 12½ per cent., and writing from 6@10 per cent. In manilla there was a decline in No. 2 of about 8.7 per cent., though little in the higher grades, the general average on the whole production in this vicinity having been 8.4 per cent. less than in 1877-78. In wrapping paper, there was no decline in prices, because of the arrangement entered into the previous year, for the regulation of production, having been well maintained throughout the year. There was a good demand in general for paper at the prices, though the margin to the manufacturer was a slender one. There was a growing firmness in the prices of materials, and, in the face of greatly reduced values and large production, the producers were generally hopeful of a better condition, which was not long to be delayed.

The entire production of the thirty-four mills tributary to this city, comprising mainly the mills of the Miami valley, has been the largest in the history of this industry in the West, the aggregate, according to figures which will be seen in the table appended, of all kinds of paper, having been 48,336,918 pounds, compared with 47,347,415 in the previous year. The aggregate value of the whole product of the past year was \$2,859,768, in comparison with \$3,085,340 in 1877-78, and it is interesting as showing how papers were for years steadily shrinking in value, that, notwithstanding the production of paper since 1874-75 has increased 6,210,581 pounds, the aggregate value of the product in the past year was \$378,729 less than at the former period. The increase in production in the past year has been mainly in wrapping, which exhibits an increase of 870,310 pounds, the production in 1878-79 having been 10,438,455 pounds, compared with 9,568,145 in the preceding year, and in manilla, which shows an increase of 631,271 pounds, the production having been 10,294,528 pounds, in comparison with 9,663,257. The production of news was 8,963,072 pounds, in comparison with 8,903,453 in 1877-78, exhibiting an increase of 59,619 pounds. A material increase also took place in the production of writing paper. The aggregate for book paper falls below the previous year 417,686 pounds, the production having been 11,467,644 pounds, in comparison

with 11,885,330 pounds in 1877-78. The figures for the calendar year will show much more marked increase, inasmuch as the statistics for paper were made up to the close of the fiscal year ending June 30, 1879, the acceleration which the manufacture of paper has received having all occurred since that period. Then the production will be still further augmented by the additional mills, now in process of erection. The writing paper mills of Franklin, O., which were destroyed by fire two years ago, are being restored. Another large mill, for the manufacture of book and news, is also being erected there. An additional mill, of large capacity, for the manufacture of news paper, at Miamisburg, O., approaches completion, while the enlargement of the mill at Carrollton, O., will amount almost to the addition of another mill, for the manufacture of wrapping paper. To produce the results of the past year there were employed 34 mills, 1,302 hands, cash capital to the amount of \$1,507,500, and real estate aggregating in value \$2,082,000. The two mills, for the manufacture of wood pulp, which were being erected in the Miami valley at the time of issuing the last report, have commenced operations during the year, thus adding a new branch to this department of our industries.

It will thus be seen that the situation, for the paper manufacturers of this district, presents an important phase. The decline, which has proceeded fourteen years, has been arrested, and better prices are at hand. The search for improved machinery, more economical processes, and cheaper materials, which the pressure of the times for lower prices has demanded, has worked at last to the perpetual benefit of the producers, and then both the necessity and the laudable business ambition and enterprise, which have moved the manufacturers here to seek to produce papers of all kinds of the best quality, has placed the whole business in a position of healthful independence. The ledger, writing, book, news, manilla, tissue, wrapping and colored papers of this district, in the race for patronage, need no commendation beyond what their quality urges, so that now this great department of our production, developed mainly in a comparatively few years, and strengthened by the experience of a long period of trial, in the dawn of a new era in the business affairs of the country, can turn with pride to the achievements of the past, and, with reasonable assurance, read in the future the promise of important results, alike valuable to itself and beneficial to the great central region in which it has sought nourishment and home for its industrial enterprises.

The production of the mills tributary to this city, for four years, ending June 30, according to returns made to the Superintendent of the Merchants' Exchange, will be found in the table immediately following. The list embraces the mills of twenty-seven firms or companies. Complete returns have been received from nearly the whole list, and careful estimates, based on intelligent sources of information, have been made where reports have not been furnished:

| KINDS. | 1878-79 | | 1877-78 | | 1876-77 | | 1875-76 | |
|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|
| | Pounds. | Value. | Pounds. | Value. | Pounds. | Value. | Pounds. | Value. |
| Book..... | 11,467,694 | \$1,010,061 | 11,885,330 | \$1,147,900 | 7,177,588 | \$871,833 | 7,753,744 | \$872,058 |
| Manilla..... | 10,294,528 | 672,700 | 9,663,257 | 692,257 | 9,443,722 | 769,023 | 8,756,918 | 704,800 |
| News..... | 8,963,072 | 539,466 | 8,903,453 | 621,422 | 9,019,282 | 716,196 | 8,210,708 | 743,167 |
| Roofing..... | 5,356,219 | 144,194 | 5,894,030 | 169,224 | 5,100,578 | 165,511 | 7,986,777 | 237,800 |
| Wrapping..... | 10,438,455 | 244,347 | 9,568,145 | 224,893 | 9,823,066 | 287,438 | 8,004,786 | 244,735 |
| Writing..... | 1,817,000 | 249,000 | 1,433,200 | 229,635 | 1,512,832 | 289,020 | 2,145,338 | 429,067 |
| Total | 48,336,918 | \$2,859,768 | 47,347,415 | \$3,085,340 | 42,977,068 | \$3,089,021 | 42,898,271 | \$3,231,737 |

market, the stock at the close of September having been in round numbers but 17,000 bushels of all kinds. The above quotations are for choice nuts exclusively, fancy nuts having ruled $\frac{1}{4}$ @ $\frac{1}{2}$ cent per pound above, and prime $\frac{1}{4}$ @ $\frac{1}{2}$ below these quotations.

Cincinnati statement for the past two peanut years, ending September 30, as indicated by the reports of the *Cincinnati Price Current* and Messrs. Mellen, Brown & Co. of Cincinnati, respectively :

| | 1878-79 | | 1877-78 | |
|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | Cin. Price Current. Bushels. | Mellen, Brown & Co. Bushels. | Cin. Price Current. Bushels. | Mellen, Brown & Co. Bushels. |
| Stock on hand Sept. 30..... | 36,330 | 36,100 | 186,600 | 186,600 |
| Receipts | 290,000 | 291,000 | 272,000 | 267,000 |
| Shipments | 242,725 | 243,000 | 339,000 | 340,000 |
| Consumption | 66,205 | 65,100 | 83,270 | 77,500 |
| Stock on hand Sept. 30, 1879, | 17,400 | 17,000 | ..... | ..... |

Table showing the crop of Tennessee peanuts, for ten consecutive years :

| | | | |
|--------------|------------------|---------------------------------------|------------------|
| 1869-70..... | 450,000 bushels. | 1875-76..... | 235,000 bushels. |
| 1870-71..... | 300,000 " | 1876-77..... | 500,000 " |
| 1871-72..... | 250,000 " | 1877-78 Cincinnati Price Current..... | 325,000 " |
| 1872-73..... | 675,000 " | " Mellen, Brown & Co..... | 305,000 " |
| 1873-74..... | 175,000 " | 1878-79 Cincinnati Price Current..... | 425,000 " |
| 1874-75..... | 200,000 " | " Mellen, Brown & Co..... | 410,000 " |

The crop of peanuts in the United States, for four years, was as follows :

| | 1878-79 | | 1877-78 | | 1876-77 | 1875-76 |
|-------------------------|-----------------------|---------------------|-----------------------|---------------------|-----------|---------|
| | Cin'ti Price Current. | Mellen, Brown & Co. | Cin'ti Price Current. | Mellen, Brown & Co. | | |
| Tennessee, bushels..... | 425,000 | 410,000 | 325,000 | 305,000 | 500,000 | 235,000 |
| Virginia, " | 875,000 | 875,000 | 405,000 | 405,000 | 780,000 | 450,000 |
| North Carolina, " | 90,000 | 85,000 | 100,000 | 85,000 | 125,000 | 100,000 |
| Total..... | 1,390,000 | 1,370,000 | 830,000 | 795,000 | 1,405,000 | 785,000 |

Weekly movement of peanuts, at Cincinnati, from October 1, 1877, to October 1, 1879 :

| DATES. | | IMPORTS. | | EXPORTS. | | DATES. | | IMPORTS. | | EXPORTS. | |
|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| | | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| October | 5..... | .. | 2,280 | 749 | 1,880 | April | 5..... | 615 | 2,750 | 912 | 1,620 |
| | 12..... | 103 | 1,070 | 858 | 1,620 | | 12..... | 3,379 | 1,105 | 1,998 | 780 |
| | 19..... | 65 | 230 | 624 | 910 | | 19..... | 1,150 | 1,845 | 1,222 | 1,908 |
| | 26..... | 60 | 90 | 664 | 600 | | 26..... | 1,041 | 1,524 | 788 | 791 |
| November | 2..... | 157 | 290 | 687 | 720 | May | 3..... | 1,263 | 1,267 | 907 | 2,115 |
| | 9..... | 492 | 110 | 394 | 630 | | 10..... | 944 | 1,119 | 701 | 1,255 |
| | 16..... | 1,679 | 120 | 1,185 | 1,100 | | 17..... | 1,354 | 2,351 | 850 | 624 |
| | 23..... | 2,589 | 411 | 1,265 | 760 | | 24..... | 2,569 | 445 | 1,238 | 1,293 |
| | 30..... | 775 | 1,210 | 625 | 970 | | 31..... | 1,306 | 981 | 898 | 1,077 |
| December | 7..... | 1,619 | 1,091 | 512 | 1,350 | June | 7..... | 264 | 312 | 747 | 1,926 |
| | 14..... | 960 | 1,530 | 719 | 1,770 | | 14..... | 1,430 | 254 | 684 | 2,361 |
| | 21..... | 3,443 | 1,360 | 993 | 1,050 | | 21..... | 1,819 | 241 | 146 | 2,791 |
| | 28..... | 2,445 | 3,280 | 731 | 1,270 | | 28..... | 133 | 192 | 1,117 | 2,283 |
| January | 4..... | 330 | 770 | 329 | 1,870 | July | 5..... | 100 | 100 | 1,483 | 1,300 |
| | 11..... | 77 | 2,790 | 329 | 1,400 | | 12..... | 264 | 262 | 1,496 | 998 |
| | 18..... | 136 | 1,310 | 300 | 1,820 | | 19..... | 356 | 117 | 949 | 605 |
| | 25..... | 517 | 3,699 | 269 | 1,910 | | 26..... | 313 | 348 | 930 | 2,115 |
| February | 1..... | 2,945 | 1,160 | 668 | 1,220 | August | 2..... | 408 | ..... | 927 | 1,283 |
| | 8..... | 1,069 | 3,360 | 608 | 1,750 | | 9..... | 859 | ..... | 2,056 | 793 |
| | 15..... | 2,635 | 2,070 | 706 | 1,230 | | 16..... | 766 | 145 | 2,414 | 1,646 |
| | 22..... | 711 | 2,740 | 721 | 1,570 | | 23..... | 1,040 | 60 | 1,622 | 1,241 |
| March | 1..... | 3,109 | 520 | 1,044 | 500 | | 30..... | 2,149 | 87 | 1,519 | 1,550 |
| | 8..... | 651 | 1,970 | 777 | 820 | Sep'mber | 6..... | 115 | 52 | 1,638 | 1,304 |
| | 15..... | 2,947 | 820 | 736 | 1,270 | | 13..... | 319 | 25 | 1,082 | 1,520 |
| | 22..... | 803 | 2,960 | 681 | 1,150 | | 20..... | 232 | 162 | 1,060 | 754 |
| | 29..... | 4,057 | 1,080 | 658 | 1,820 | | 27..... | 323 | 35 | 1,073 | 1,528 |

PORK.

The past year marked the end of the downward movement in the price of the hog product, and proved the only year in five in which the results were even measurably satisfactory to the packers. Even this was not free from its periods of depression, for the year, notwithstanding the low prices at which hogs had been purchased, was not distinguished by any material growth in prices which proved of a permanent nature. At the time when it was expected that the product was to go out at advanced prices, the appearance of the yellow fever in parts of the South arrested the upward movement, and though the alarm incident to the epidemic, and its injurious effects on business, were much less serious than the year before, still the outbreak was a blow at the wholesome growth in the prices of provisions, from which they did not recover until a late period of the year, when there was comparatively little stock remaining to be affected. The crop of hogs was immense, and the packing without precedent, but the extraordinary foreign demand, stimulated by the low prices, successfully disposed of an enormous surplus, and gave us promise of ample help in all future years, save in times of some general calamity, to handle our rapidly increasing production, provided it may be furnished at reasonably low prices.

The prices for hogs, in the winter of 1878-79, were the lowest since 1861-62. In a period of thirty-one years, there has been but three years in which the cheapness of the raw material has had a parallel. These were the years of 1848-49, when the price of hogs, in the packing season, was the equivalent of \$2 70.4 per 100 pounds gross, 1849-50, when it was \$2 32.8, and the first packing season of the war, when the average price paid was \$2 62.7. The average price paid in 1878-79 was \$2 83.89. The season opened in November at \$2 75@ \$3 00 for fair to good packing hogs, and though at times prices were slightly better, the general tendency was to lower values, until in December, when \$2 55@ \$2 70 was touched on three different days. From Christmas until the close of the winter packing season, the general tendency of the market was upward, the highest prices having been about the close, when hogs were quotable at \$4 10@ \$4 30. The average quotation for this grade of hogs, in November, was \$2 78.1, December \$2 69.3, January \$3 25, February \$4 03.5. During the remainder of the provision year, there was no time when hogs ruled as high, for prices thenceforward steadily declined, until in April, when fair to good packing hogs were down to \$3 25@ \$3 45. The market was better in June and early in July, when hogs were quotable at \$3 80@ \$4 00. After this, under the influence of lower values for the product, prices declined, until early in September, after which there was more strength to the market, the provision year closing, in October, at \$3 60@ \$3 90. The whole number of hogs packed at Cincinnati, in the winter packing season of 1878-79, was 623,584 head, compared with 632,302 in 1877-78. The aggregate cost of these was \$4,790,319 in 1878-79, compared with \$7,540,967 in the preceding season, and the average cost per 100 lbs., gross, \$2 83.89, in comparison with \$4 19.83. In the winter packing season, Cincinnati produced, of lard, 22,973,879 pounds; shoulders, 15,347,554 pounds (green weight); hams, 19,158,101 pounds; clear rib sides, 31,335,946 pounds; long clear sides, 4,247,861 pounds; clear sides, 6,227,900 pounds; all other kinds of sides, 4,964,001 pounds, and barreled meats, 45,019 barrels. These figures only refer to the results of Cincinnati's own cutting, and do not embrace the green meats which came from other points and were cured here.

In the hog product the decline which marked the close of the preceding provision year reached into the new year, mess pork going down to \$7 00@ \$7 12½ per barrel in November, the lowest prices which appear in the records of the Chamber of Commerce, which embrace a period of thirty-two years. Prices, however, soon rallied from this low point, so that after reaching \$8 00@ \$8 25, there was no considerable change in quotation for about two months. There was an advance in January, which continued through

February, toward the close of which the quotation was \$10 25@10 50. Prices were easier in March, and so remained with comparatively little change until July, when, under the influence of the appearance of yellow fever and the consequent derangement of our business with the South, the favorable situation for higher prices for meats generally, was, for the time, completely changed, mess pork declining to \$8 00@8 25, and the remainder of the meat list generally pursuing the same tendency to lower prices. In September a reaction set in, which carried up prices until the close of the provision year, in October the quotation near the close of the month having been \$11 25@11 50. The average price for the commercial year of 1878-79 was \$9 24.9, compared with \$10 99 in 1877-78. The average quotation for the provision year ending October 31, 1879, was \$9 36.9.

The remainder of the meat list pursued, save in exceptional instances, much the same general course. Bulk shoulders, in November, 1878, went down to 2½ cents per pound, then advanced, and in December lost what had been gained. In January and February there was considerable improvement, so that toward the close of the latter month shoulders were quotable at 3.75@3.80. Prices thence, for three months, either slowly lost ground, or were no more then maintained, and the situation was discouraging. In June, however, there was a healthful reaction, prices steadily advancing until early in July, when the quotation was 3.95@4. There appeared now a favorable prospect of further advance. Foreign exportation was enormous, the condition of the country showed marked improvement, and the whole situation seemed favorable for the disposition of the product which remained, at good prices. But this was blighted by the epidemic in the South, to which reference has been made, so that ground was steadily lost until early in September, when shoulders had declined to 3@3.05. Thenceforward the market improved, the provision year closing in October at 3½. The average quotation for the commercial year ending August 31, was 3.5 cents per pound, the lowest average since 1861-62, compared with 4.77 in 1877-78. The average for the provision year ending October 31, was 3.35. The history of the residue of the meat list mainly corresponds with what has been written of other products, save that under the influence of short supplies there was a much greater increase in values at the close of the year, clear rib bulk sides advancing to 7½, an increase, from early in September to the middle of October, of fully 3 cents per pound, and clear sides about as much. The average quotation for clear rib bulk sides for the commercial year was 4.57 cents, compared with 5.98 in the preceding year, and of clear bulk sides 4.88, compared with 6.24. The average for bacon shoulders was 4.09 in the commercial year of 1878-79, and 5.68 in 1877-78; clear rib bacon 5.13 in 1878-79, and 6.84 in 1877-78; clear bacon 5.41 in 1878-79, and 7.15 in 1877-78. The market for sugar-cured hams has been more nearly free from fluctuation than other kinds of meats, and the average for the year shows a less decline, compared with 1877-78, than the other articles of the hog product, with perhaps the exception of barreled pork. Though prices were lower at the close of the year than at the opening, the year was one of the most satisfactory our curers had experienced for a considerable period. Green meats were cheap during the packing season, and though the cured product was low in price, it still paid a remunerative profit, particularly to those who parted with their product in the earlier parts of the year. The average quotation for sugar-cured hams during the year was 9.35 cents per pound, compared with 10.31 in 1877-78. The prices for prime steam lard were higher in February than at any other time during the year. The market, after this, dragged monotonously through the year, with nothing of an encouraging nature to mark its progress, prices having been nearly as low in August and September as in the preceding December. Prices were low, the market spiritless, and the article unprofitable. The average quotation for prime winter steam was 6.06 cents per pound, compared with 7.54 cents in 1877-78, and of winter kettle 6.87 cents, in comparison with 8.07. The year, in the hog product generally, to those who sold early, or at the time of the advance in the early summer, or to those who had the endurance or courage to hold until the

end, brought a good profit, but as a whole it was a year of fluctuations, without the great opportunities which generally come from such changes. It had its periods of depression, which were very discouraging. In general, it brought to the packers of this city a fair return, but this was rather because of good management in the legitimate walks of manufacture, than from any marked favorable features about the markets for the year.

Table showing the gross price, or the equivalent of the gross price, for hogs, at Cincinnati, for thirty-one winter packing seasons:

| | | | | | | | |
|--------------|----------|--------------|---------|--------------|------------|--------------|----------|
| 1848-49..... | \$2 70.4 | 1856-57..... | \$4 99 | 1864-65..... | \$11 69.84 | 1872-73..... | \$3 92.3 |
| 1849-50..... | 2 32.8 | 1857-58..... | 4 13.2 | 1865-66..... | 9 57.3 | 1873-74..... | 4 58.2 |
| 1850-51..... | 3 20.4 | 1858-59..... | 5 26.8 | 1866-67..... | 6 02 | 1874-75..... | 6 99.17 |
| 1851-52..... | 3 76.4 | 1859-60..... | 4 97.2 | 1867-68..... | 6 60.2 | 1875-76..... | 7 27.53 |
| 1852-53..... | 5 05.2 | 1860-61..... | 4 77.6 | 1868-69..... | 8 41.5 | 1876-77..... | 5 90.18 |
| 1853-54..... | 3 55.6 | 1861-62..... | 2 62.76 | 1869-70..... | 9 46.3 | 1877-78..... | 4 19.83 |
| 1854-55..... | 3 56.6 | 1862-63..... | 3 56 | 1870-71..... | 5 50.1 | 1878-79..... | 2 83.89 |
| 1855-56..... | 4 83.8 | 1863-64..... | 5 00.4 | 1871-72..... | 4 36.4 | | |

The following individuals and firms, members of the Cincinnati Chamber of Commerce, arranged in strictly alphabetical order, were engaged in packing pork or curing meats, in Cincinnati, during the season of 1878-79. Inasmuch as it is very hard to draw the line between cutters, packers and curers, it has been thought better to give the names of all, with the exception of the butchers, whose business was consulted in making up the report of the winter's packing:

Anderegg & Roth,
Armel, Daniel, & Co.,
Berestford & Co.,
Bogen, George, Jr., & Co.
Caldwell & Lemon,
Crane, J. C., & Co.,
Cunningham, Curtis & Co.,
Cunningham & Son,
Cunningham, J. P., & Co.,
Davis, S. Jr. & Co.,
Davis, Charles, & Co.,
Davis, George F., & Co.,
Davis, W. W., & Co.,
Davis, A. Judson,
Davis, Wm. H., & Co.,
Dominick, William H.,
Evans, Jason, & Co.,
Evans, Lippincott & Cunningham,
Evans & Kinney,

Evans Brothers,
Farrelly, O. B., & Co.,
Fieber, Joseph,
Forbus, M. S.,
Frietsch, S., & Co.,
Gilmore & Cordukes,
Gray, Ireland & Co.,
Grubb & Hart,
Hord, Geo. M., & Co.,
Jacob, Charles Jr., & Co.,
Jacob, Louis, & Co.,
Johnson, E. L., & Co.,
Keck, J. L., Agt.,
Kirby, W. & R.,
Laddley, F. A., & Co.,
McKeehan, James, & Co.,
McBirney, Hugh, & Co.,
Maescher & Shaefer,
Mathers, J. & W.,
Mathers, Richard,

Metz, D., & Bro.,
Mohawk Packing Co.,
Morrison, James, & Co.,
Nye, John C.,
Phipps, Gardner, & Co.,
Rawson, J., & Son,
Roots & Co.,
Ruttle, D., & Co., (Covington, Ky.)
Ryan Brothers,
Sander & Burkhardt,
Shaffer, William,
Shaffer, Thomas B., & Co.,
Slimer & Dater,
Stewart, Charles, & Co.,
Swift, Briggs, & Co.,
Vogel, Jacob,
Watts, Parker & Co.,
(George E. Richards, Agent.)
Wilson, Eggleston & Co.,

Table showing the average weight, yield of lard, quotation or cost, of hogs packed, at Cincinnati, for twenty winter packing seasons:

| YEARS. | Average Weight. | | Average yield of Lard per head. | | Average quotation per 100 lbs. net. | YEARS. | Average Weight. | | Average yield of Lard per head. | | Average quotation per 100 lbs. net. | Average cost per 100 lbs., gross. |
|--------------|-----------------|----------|---------------------------------|------------------------|-------------------------------------|--------------|-----------------|----------|---------------------------------|------------------------|-------------------------------------|-----------------------------------|
| | Gross lbs. | Net lbs. | All kinds, lbs. | Leaf and trim'gs, lbs. | | | Gross lbs. | Net lbs. | All kinds, lbs. | Leaf and trim'gs, lbs. | | |
| 1859-60..... | | 189 | ..... | 23 | \$5 21.5 | 1869-70..... | ..... | 226.33 | ..... | 27.12 | \$11 82.87 | ..... |
| 1860-61..... | | 221.2 | ..... | 28.59 | 5 97 | 1870-71..... | 238.8 | 239.07 | 42.62 | 31.2 | 6 87.62 | ..... |
| 1861-62..... | | 224 96 | ..... | 29.27 | 3 28.45 | 1871-72..... | 289 2 | 231.86 | 41.02 | 29.6 | 4 36.4 | ..... |
| 1862-63..... | | 233 | ..... | 25.91 | 4 45 | 1872-73..... | 304.9 | ..... | 45.67 | ..... | 3 92.3 | ..... |
| 1863-64..... | | 188.91 | ..... | 23.16 | 7 00.5 | 1873-74..... | 280.7 | ..... | 39.7 | ..... | 4 58.2 | ..... |
| 1864-65..... | | 201.12 | ..... | 24.2 | 14 62.3 | 1874-75..... | 278.25 | ..... | 41.77 | ..... | 6 99.17 | ..... |
| 1865-66..... | | 238 58 | ..... | 32.52 | 11 96.62 | 1875-76..... | 273.68 | ..... | 37.8 | ..... | 7 27.53 | ..... |
| 1866-67..... | | 232.28 | ..... | 30.5 | 7 52.5 | 1876-77..... | 274.71 | ..... | 38.2 | ..... | 5 90.18 | ..... |
| 1867-68..... | | 210 17 | ..... | 25.17 | 8 25.25 | 1877-78..... | 284.06 | ..... | 40.96 | ..... | 4 19.83 | ..... |
| 1868-69..... | | 214.37 | ..... | 25.16 | 10 51.87 | 1878-79..... | 270.58 | ..... | 56.84 | ..... | 2 83.89 | ..... |

ports, for seven years, each year ending October 31 :

| YEARS. | Pork, lbs. | Lard, lbs. | Bacon & Hams, lbs. |
|--------------|------------|-------------|-----------------------|
| 1878-79..... | 72,701,000 | 824,806,195 | 750,212,813 |
| 1877-78..... | 65,771,000 | 315,587,700 | 580,683,098 |
| 1876-77..... | 58,160,400 | 228,626,668 | 442,007,537 |
| 1875-76..... | 57,888,184 | 197,847,086 | 388,218,023 |
| 1874-75..... | 62,427,881 | 167,567,568 | 264,219,647 |
| 1873-74..... | 66,481,132 | 184,100,226 | 332,540,447 |
| 1872-73..... | 63,865,621 | 234,897,521 | 415,228,587 |

Table showing the quotations, at Cincinnati, for fair to good packing hogs, on each day in the winter packing season of 1878-79 and 1877-78, and on each Tuesday during the remainder of the period, from November 1, 1877, to November 1, 1879:

| DATES. | | 1878-79 | 1877-78 | DATES. | | 1878-79 | 1877-78 | DATES. | | 1878-79 | 1877-78 | |
|----------|-----------|-------------|-------------|-----------|-----------|-------------|-------------|-----------|-----------|-------------|-------------|-----------|
| November | 1 | \$2 75@3 00 | \$4 60@4 75 | December | 23 | \$2 60@2 70 | | February | 13 | \$3 90@4 10 | \$3 90@4 05 | |
| | 2 | 2 80@3 00 | 4 80@4 95 | | 24 | 2 55@2 70 | | | 14 | 3 90@4 10 | 3 90@4 05 | |
| | 3 | 4 60@4 75 | 4 60@4 75 | | 25 | | | | 15 | 3 90@4 15 | 3 90@4 00 | |
| | 4 | 2 75@3 00 | | | 26 | 2 60@2 75 | \$4 00@4 15 | | 16 | | 4 00@4 15 | |
| | 5 | 2 70@2 85 | 4 60@4 75 | | 27 | 2 60@2 75 | 4 00@4 15 | | 17 | 3 90@4 15 | | |
| | 6 | 2 60@2 75 | 4 60@4 75 | | 28 | 2 65@2 80 | 4 05@4 20 | | 18 | 3 90@4 15 | 4 00@4 15 | |
| | 7 | 2 60@2 75 | 4 60@4 75 | | 29 | | 4 10@4 25 | | 19 | 4 00@4 20 | 3 85@4 00 | |
| | 8 | 2 65@2 80 | 4 60@4 75 | | 30 | 2 75@2 90 | | | 20 | 4 00@4 25 | 3 85@4 00 | |
| | 9 | 2 60@2 80 | 4 65@4 80 | | 31 | 2 75@2 90 | 4 20@4 40 | | 21 | 4 10@4 35 | 3 80@3 95 | |
| | 10 | | 4 70@4 85 | | January | 1 | | | | 22 | | 3 85@4 00 |
| | 11 | 2 65@2 80 | | | | 2 | 2 80@2 95 | | 4 20@4 85 | 23 | | 3 80@4 05 |
| | 12 | 2 70@2 85 | 4 70@4 85 | | | 3 | 2 75@2 90 | | 4 10@4 25 | 24 | 4 00@4 35 | |
| | 13 | 2 70@2 85 | 4 50@4 65 | | | 4 | 2 75@2 90 | | 4 10@4 25 | 25 | 4 15@4 40 | 3 80@4 05 |
| | 14 | 2 75@2 90 | 4 30@4 45 | | | 5 | | | 4 10@4 25 | 26 | 4 15@4 40 | 3 90@4 05 |
| | 15 | 2 80@2 95 | 4 20@4 35 | | | 6 | 2 80@2 95 | | | 27 | 4 15@4 40 | 3 80@3 95 |
| | 16 | 2 85@3 00 | 4 20@4 35 | | | 7 | 2 80@2 95 | | 4 10@4 25 | 28 | 4 10@4 30 | 3 80@3 90 |
| | 17 | | 4 20@4 35 | | | 8 | 2 85@3 00 | | 4 05@4 20 | 4 | 3 90@4 15 | 3 80@3 95 |
| | 18 | 2 80@2 95 | | | | 9 | 2 90@3 05 | | 3 90@4 05 | 11 | 3 70@4 00 | 3 35@3 60 |
| | 19 | 2 70@2 85 | 4 25@4 50 | | | 10 | 2 90@3 10 | | 3 85@4 00 | 18 | 3 90@4 15 | 3 65@3 85 |
| | 20 | 2 60@2 75 | 4 35@4 50 | | | 12 | 2 95@3 15 | | 3 90@4 00 | 25 | 3 40@4 00 | 3 50@3 70 |
| | 21 | 2 60@2 75 | 4 35@4 50 | | | 12 | | | 3 85@4 00 | 1 | 3 70@3 90 | 3 60@3 80 |
| | 22 | 2 70@2 85 | 4 30@4 45 | | | 13 | 3 00@3 20 | | | 8 | 3 70@3 90 | 3 45@3 65 |
| | 23 | 2 80@2 95 | 4 30@4 45 | | | 14 | 2 95@3 15 | | 3 85@3 95 | 15 | 3 80@3 90 | 3 25@3 50 |
| | 24 | | 4 30@4 50 | | | 15 | 2 95@3 15 | | 3 85@3 95 | 22 | 3 30@3 50 | 3 30@3 50 |
| 25 | 2 75@2 90 | ..... | 16 | 3 15@3 25 | | 3 90@4 05 | 29 | 4 00@3 65 | 3 35@3 50 | | | |
| 26 | 2 60@2 75 | 4 30@4 50 | 17 | 3 15@3 35 | | 3 95@4 10 | 6 | 3 30@3 50 | 3 20@3 35 | | | |
| 27 | 2 60@2 75 | 4 30@4 50 | 18 | 3 15@3 35 | | 4 10@4 25 | 13 | 3 40@3 60 | 3 25@3 45 | | | |
| 28 | ..... | 4 30@4 50 | 19 | ..... |  | 4 05@4 20 | 20 | 3 35@3 60 | 3 00@3 15 | | | |
| 29 | 2 75@2 90 | ..... | 3 | 3 25@3 50 |  | ..... | 27 | 3 25@3 50 | 3 10@3 25 | | | |
| 30 | 2 70@2 85 | 4 35@4 55 | 21 | 3 40@3 60 | | 4 00@4 15 | 3 | 3 35@3 65 | 3 10@3 25 | | | |
| December | 1 | 4 30@4 45 | | 21 | | 3 60@3 75 | 3 95@4 10 | 10 | 3 40@3 60 | 3 35@3 50 | | |
| | 2 | 2 65@2 80 | 4 25@4 40 | 23 | | 3 50@3 75 | 4 05@4 20 | 17 | 3 70@3 90 | 3 40@3 60 | | |
| | 3 | 2 60@2 75 | 4 25@4 40 | 24 | | 3 50@3 70 | 4 15@4 30 | 24 | 3 80@4 00 | 3 85@4 00 | | |
| | 4 | 2 60@2 75 | 4 20@4 35 | 25 | 3 50@3 70 | 4 10@4 25 | 1 | 3 70@3 90 | 4 20@4 40 | | | |
| | 5 | 2 60@2 75 | 4 10@4 30 | 26 | ..... | 4 00@4 15 | 8 | 3 80@4 00 | 4 00@4 20 | | | |
| | 6 | 2 55@2 70 | 4 20@4 40 | 27 | 3 45@3 65 | 4 00@4 15 | 15 | 3 70@3 85 | 4 45@4 65 | | | |
| | 7 | 2 55@2 70 | 4 25@4 40 | 28 | 3 40@3 60 | 4 00@4 15 | 22 | 3 40@3 60 | 4 15@4 35 | | | |
| | 8 | ..... | 4 25@4 40 | 29 | 3 50@3 70 | 4 00@4 15 | 29 | 3 40@3 60 | 4 25@4 40 | | | |
| | 9 | 2 60@2 75 | 4 25@4 85 | 30 | 3 60@3 80 | 4 00@4 15 | 5 | 3 40@3 60 | 4 25@4 40 | | | |
| | 10 | 2 65@2 80 | 4 25@4 85 | 31 | 3 60@3 75 | 3 90@4 05 | 12 | 3 30@3 50 | 4 35@4 65 | | | |
| | 11 | 2 60@2 75 | 4 15@4 30 | 1 | 3 65@3 80 | 3 95@4 00 | 19 | 3 65@3 80 | 4 00@4 35 | | | |
| | 12 | 2 60@2 75 | 4 00@4 20 | 2 | ..... | 3 90@4 05 | 26 | 3 35@3 55 | 4 10@4 50 | | | |
| | 13 | 2 60@2 75 | 4 10@4 25 | 3 | 3 65@2 85 | ..... | 2 | 3 30@3 50 | 3 90@4 25 | | | |
| | 14 | 2 60@2 75 | 4 20@4 40 | 4 | 3 70@3 90 | 3 95@4 10 | 9 | 3 50@3 70 | 4 00@4 30 | | | |
| | 15 | ..... | 4 10@4 25 | 5 | 3 70@3 95 | 3 90@4 05 | 16 | 3 50@3 70 | 3 75@4 10 | | | |
| | 16 | 2 70@2 85 | 4 10@4 20 | 6 | 3 80@4 00 | 3 85@4 00 | 23 | 3 50@3 70 | 3 60@3 90 | | | |
| | 17 | 2 60@2 75 | 4 10@4 20 | 7 | 3 90@4 10 | 3 75@3 90 | 30 | 3 60@3 75 | 3 40@3 70 | | | |
| | 18 | 2 60@2 75 | 4 05@4 20 | 8 | 3 90@4 10 | 3 65@3 80 | 7 | 3 60@3 85 | ..... |  |  |  |
| | 19 | 2 60@2 75 | 4 05@4 20 | 9 | ..... | 3 65@3 80 | 14 | ..... | 3 00@3 20 | | | |
| | 20 | 2 65@2 80 | 4 05@4 20 | 10 | 3 95@4 15 | 3 80@3 95 | 21 | 3 50@3 75 | 2 90@3 05 | | | |
| | 21 | 2 60@2 75 | 4 00@4 15 | 11 | 3 90@4 15 | 3 80@3 95 | 28 | 3 60@3 90 | 2 90@3 10 | | | |
| | 22 | ..... | 4 00@4 15 | 12 | 3 90@4 10 | 3 90@4 05 | | | | | | |

*No session of the Chamber.

Table showing the quotations at Cincinnati, for the various articles of the hog product, on Tuesday of each week, during the provision year, ending October 31, 1879:

| DATES. | Mess Pork. | Bulk Meats. | | | Bacon. | | | Lard. | |
|------------------|--------------|-------------|------------------|--------------|------------|------------------|--------------|-------------------|----------------|
| | | Shoulders. | Clear Rib Sides. | Clear Sides. | Shoulders. | Clear Rib Sides. | Clear Sides. | Prime St. Winter. | Kettle Winter. |
| November 5..... | \$7 25@ 7 50 | 2½c | 4c | 4½@4¼c | 3½@3½c | 4½c | 4½@5c | 5.8@5.85 | ..... |
| 12..... | 7 00@ 7 50 | 2½c | 3½@3.7 | 4 | 3½@3½c | 4½@4½c | 4½@4½c | 5.8 | ..... |
| 19..... | 8 25 | 3 | 4 | 4½ | 3½ | 4½ | 4½@4½c | 5.85@57½ | 6½@7 |
| 26..... | 8 00@ 8 25 | 2½@2.8 | 3½@4 | 4½ | 3½@3½c | 4½@4½c | 4½@4½c | 5.85 | 6½@7 |
| December 3..... | 8 00@ 8 25 | 2½@2.8 | 3½@4 | 4½ | 3½@3½c | 4½@4½c | 4½@4½c | 5.85 | 6½@7 |
| 10..... | 8 00 | 2.65@2.7 | 3.65@3.7 | 3.8@3.85 | 3 | 4½ | 4½ | 5.65 | 6½@7 |
| 17..... | 7 95@ 8 00 | 2.65 | 3.7@3.7 | 3.8@3.85 | 2½@3 | 4½ | 4½ | 5.55 | 6½@7 |
| 24..... | 8 00 | 2½@2.6 | 3.55@3.65 | 3.8@3.85 | 3 | 4½ | 4½ | 5.4@5.45 | 6½@7 |
| 31..... | 7 87½@8 00 | 2.55@2.6 | 3.55@3.6 | 3.7@3.7 | 3½@3½c | 4½@4½c | 4½@4½c | 5.45 | 6½@7 |
| January 7..... | 7 87½@8 00 | 2.6@2.65 | 3.65@3.7 | 3.8@3.8 | 3 | 4½ | 4½@4½c | 5.45@5½ | 6½@7 |
| 14..... | 8 25@ 8 50 | 2.85 | 3.95 | 4½ | 3½@3½c | 4½ | 4½ | 5.7@5.72 | 6½@7 |
| 21..... | 9 25@ 9 50 | 3.35 | 4.45 | 4½ | 4 | 5 | 5½ | 6½@6.27 | 6½@7 |
| 28..... | 9 25 | 3½@3½c | 4½@4½c | 4½@4½c | 4 | 5 | 5½ | 6.35 | 6½@7 |
| February 4..... | 9 75 | 3.45 | 4.6 | 4.67½ | 4 | 5 | 5½ | 6.7 | 6½@7 |
| 11..... | 10 00 | 3.6@3.65 | 4½@4.8 | 4.95@5 | 4½@4½c | 5½@5½c | 5½@5½c | 6.55@6.6 | 6½@7 |
| 18..... | 10 00 | 3.65@3.7 | 4.8@4.85 | 4.95@5 | 4½@4½c | 5½@5½c | 5½@5½c | 6.7 | 6½@7 |
| 25..... | 10 25@10 50 | 3½@3.8 | 5½@5.15 | 5½ | 4½@4½c | 5½@5½c | 5½@5½c | 6.45@6.55 | 6½@7 |
| March 4..... | 10 00@10 25 | 3½@3.65 | 4½@4.85 | 4.9@5 | 4½@4½c | 5½@5½c | 5½@5½c | 6.3 | 7 @7½ |
| 11..... | 9 75@10 00 | 3½@3.55 | 4½ | 4.9 | 4½@4½c | 5½@5½c | 5½@5½c | 6½ | 6½@7 |
| 18..... | 10 00@10 25 | 3.65 | 4.9 | 5.1 | 4½@4½c | 5½@5½c | 5½@5½c | 6.3@6.32 | 6½@7 |
| 25..... | 10 00 | 3.6@3.65 | 4½@4.8 | 4.95@5 | 4½ | 5½ | 5½ | 6.4 | 6½@7 |
| April 1..... | 10 25@10 50 | 3.6 | 4.8 | 5 | 4½ | 5½ | 5½ | 6.06@6.1 | 6½@7 |
| 8..... | 10 75@11 00 | 3½ | 4.85@4.9 | 5.1 | 4½@4½c | 5½@5½c | 5½@5½c | 6 | 6½@7 |
| 15..... | 10 25@10 50 | 3.45@3½ | 4.7@4½ | 4.9@5 | 4½@4½c | 5½@5½c | 5½@5½c | 6 @6.05 | 6½@7 |
| 22..... | 10 25 | 3.4 | 4.4 | 4.9 | 4½@4½c | 5½@5.15 | 5½@5½c | 6 | 6½@7 |
| 29..... | 10 25 | 3.52@3.55 | 4½ | 4.9 | 4½@4½c | 5½@5.15 | 5½@5½c | 6 | 6½@7 |
| May 6..... | 9 75@10 00 | 3.4@3.45 | 4.4@4.45 | 4.6@5 | 4½@4½c | 5½@5.15 | 5½@5½c | 6 | 6½@7 |
| 13..... | 9 75@10 00 | 3.4 | 4.6 | 4.9@4.8 | 4½@4½c | 5½@5.15 | 5½@5½c | 6 | 6½@7 |
| 20..... | 9 75@10 00 | 3.55@3.6 | 4.6 | 4.8@4.85 | 4.07@4.2 | 5.07@5.1 | 5.3@5.35 | 6.1 | 6½@7 |
| 27..... | 10 00@10 25 | 3½@3.55 | 4.35 4.57 | 4.7@4.85 | 4 @4½ | 5.1@5.2 | 5.3@5½ | 6.1@6½ | 6½@7 |
| June 3..... | 10 00 | 3½@3.6 | 4.55@4.6 | 4.7@4½ | 4½ | 5.1 | 5½ | 6.1 | 6½@7 |
| 10..... | 10 00@10 25 | 3.65@3¾ | 4.8 | 4.9@5 | 4½@4½c | 5½@5½c | 5½@5½c | 6.1@6.15 | 6½@7 |
| 17..... | 10 50 | 3.7@3¾ | 4.95@5 | 5.2@5½ | 4½@4½c | 5½@5½c | 5½@5½c | 6.15 | 6½@7 |
| 24..... | 10 25@10 50 | 3.8@3.85 | 4.9 | 5.05@5.1 | 4½@4½c | 5½@5½c | 5½@5½c | 6.15@6.2 | 6½@7 |
| July 1..... | 10 25@10 50 | 3.95 | 4.9 | 5.1 | 4½@4½c | 5½@5½c | 5½@5½c | 6½ | 6½@7 |
| 8..... | 10 25@10 50 | 3.95@4 | 4.9@5 | 5 @5.1 | 4½@4½c | 5½@5½c | 5½@5½c | 6½ | 6½@7 |
| 15..... | 9 50@10 00 | 3½ | 4.35@4½ | 4.9 | 4½@4½c | 5.1@5½ | 5.2@5½ | 6 | 6½@7 |
| 22..... | 8 50@ 9 00 | 3½ | 4 | 4½ | 4½ | 4½ | 5 | 5.9 | 6½@7 |
| 29..... | 8 50@ 9 00 | 3½ | 4½ | 4.4 | 3½@4 | 4½@4.9 | 5.05@5½ | 5.9 | 6½@7 |
| August 5..... | 8 50 | 3½ | 4.3 | 4½ | 3.9@4 | 4.9 | 5.2 | 5.9 | 6½@7 |
| 12..... | 8 50@ 8 75 | 3½@3½c | 4.4 | ..... | 3.9 | 4.9 | 5½ | 5.9 | 6½@7 |
| 19..... | 8 75 | 3½ | 4.77@4.8 | 5@5.05 | 4½@4½c | 5.35@5½ | 5½@5.65 | 5.7 | 6½@7 |
| 26..... | 8 37½@8 75 | 3.2@3½ | 4.6@4.65 | 4.8 | 3½@4 | 5.2@5½ | 5½ | 5.55 | 6 @6½ |
| September 2..... | 8 25@ 8 50 | 3.05 | 4½ | 4.7 | 3½@4 | 5 | 5½@5.8 | 5.7 | 6 @6½ |
| 9..... | 8 50@ 8 75 | 3½ | 4.8 | 5.05 | 3½@4 | 5½ | 5½ | 5.7 | 6 @6½ |
| 16..... | 8 50@ 8 75 | 3½ | 4.9 | 5.1 | 4½@4½c | 5½@5½c | 5½@5½c | 5.7 | 6 @6½ |
| 23..... | 9 50 | 3½@3½c | 5.05@5½ | 5½@5.9 | 4½@4½c | 6½@6½ | 6½@6½ | 6.05@6.1 | 6½@6½ |
| 30..... | 9 25@ 9 50 | 3½ | 6 | 6½ | 4½@4½c | 6.3@6½ | 6½ | 6.05@6.1 | 6½@6½ |
| October 7..... | 10 00 | 3½ | 6½ | 6½ | 4½ | 6½ | 7.1@7½ | 6.2 | 6½@6½ |
| 14..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 21..... | 10 37½@10 50 | 3½ | 7½ | 7½ | 4½ | 8.4@8½ | 8.7@8½ | 6 | 6½@6½ |
| 28..... | 11 25@11 50 | 3½ | 5½ | 6 | 4½@4½c | 8½ | 8½ | 6.5 | 7 @7½ |

Table showing the total number of hogs cut, at Cincinnati, each winter packing season, in forty-seven years:

| YEARS. | Nos. | YEARS. | Nos. | YEARS. | Nos. | YEARS. | Nos. |
|--------------|---------|--------------|---------|--------------|---------|--------------|---------|
| 1832-33..... | 85,000 | 1844-45..... | 196,000 | 1856-57..... | 344,512 | 1868-69..... | 365,555 |
| 1833-34..... | 123,000 | 1845-46..... | 205,000 | 1857-58..... | 446,677 | 1869-70..... | 377,330 |
| 1834-35..... | 162,000 | 1846-47..... | 250,000 | 1858-59..... | 382,826 | 1870-71..... | 481,568 |
| 1835-36..... | 123,000 | 1847-48..... | 475,000 | 1859-60..... | 434,499 | 1871-72..... | 530,301 |
| 1836-37..... | 103,000 | 1848-49..... | 410,000 | 1860-61..... | 433,799 | 1872-73..... | 626,305 |
| 1837-38..... | 182,000 | 1849-50..... | 393,000 | 1861-62..... | 474,467 | 1873-74..... | 581,253 |
| 1838-39..... | 90,000 | 1850-51..... | 334,000 | 1862-63..... | 608,457 | 1874-75..... | 560,164 |
| 1839-40..... | 95,000 | 1851-52..... | 352,000 | 1863-64..... | 370,623 | 1875-76..... | 563,359 |
| 1840-41..... | 160,000 | 1852-53..... | 361,000 | 1864-65..... | 350,000 | 1876-77..... | 523,576 |
| 1841-42..... | 220,000 | 1853-54..... | 421,000 | 1865-66..... | 254,079 | 1877-78..... | 632,302 |
| 1842-43..... | 250,000 | 1854-55..... | 355,786 | 1866-67..... | 462,610 | 1878-79..... | 623,584 |
| 1843-44..... | 240,000 | 1855-56..... | 405,396 | 1867-68..... | 366,831 | | |

* No session of the Chamber.

Table showing the quotation, at Cincinnati, for the various articles of the hog product on Tuesday of each week during the provision year ending October 31, 1878:

| DATES. 1877-78 | Mess Pork. | Bulk Meats. | | | Bacon. | | | Lard. | |
|-------------------|-----------------|--------------|------------------|--------------|--------------|------------------|--------------|-------------------|-----------------|
| | | Shoulders. | Clear Rib Sides. | Clear Sides. | Shoulders. | Clear Rib Sides. | Clear Sides. | Prime St. Winter. | Kettle. Winter. |
| November 6... | \$13 25@13 50 | 6c | 7 @7 1/2 | 7 1/2 @8 | 7 1/2 | 9 1/2 | 9 1/2 | 8 1/2 | 8 1/2 @9 |
| 13... | 12 75@13 00 | 5 1/2 @5 3/4 | 6 1/2 @5 3/4 | 6 3/4 @7 | 6 3/4 @7 | 8 1/2 @8 1/2 | 8 1/2 @9 | 7 1/2 @8 | 8 1/2 @8 1/2 |
| 20... | 12 25@12 50 | 4 3/4 @5 1/2 | 6 1/2 @6 1/2 | 6 1/2 @6 1/2 | 6 1/2 @6 1/2 | 8 1/2 @8 1/2 | 8 1/2 @8 1/2 | 7 1/2 @8 | 8 1/2 @8 1/2 |
| 27... | 12 00 | 4 1/2 @5 1/2 | 6 @6 1/2 | 6 1/2 @6 1/2 | 6 1/2 @6 1/2 | 8 @8 1/2 | 8 @8 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| December 4... | 12 00 | 4 1/2 @5 1/2 | 5 7/2 @6 1/2 | 6 @6 1/2 | 6 1/2 @7 1/2 | 7 1/2 @8 | 8 @8 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 11... | 12 00 | 4 1/2 @5 1/2 | 6 @6 1/2 | 6 1/2 @6 1/2 | 6 1/2 @7 1/2 | 7 1/2 @8 | 8 @8 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 18... | 11 80@11 85 | 4 1/2 @5 1/2 | 5 7/2 @6 1/2 | 6 @6 1/2 | 6 1/2 @7 1/2 | 7 1/2 @8 | 8 @8 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 25... | | 4 1/2 @5 1/2 | 5 7/2 @6 1/2 | 6 @6 1/2 | 6 1/2 @7 1/2 | 7 1/2 @8 | 8 @8 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| January 1... | | | | | | | | | |
| 8... | 11 50 | 4 1/2 @5 1/2 | 5 65@5.85 | 6 @6 1/2 | 5 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 15... | 11 00 | 4 1/2 @5 1/2 | 5 1/2 @5.6 | 5 1/2 @5.85 | 5 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 22... | 11 20@11 25 | 4 @4 1/2 | 5 1/2 @5.75 | 5 1/2 @5.9 | 5 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 29... | 11 25@11 37 1/2 | 4 @4 1/2 | 5 65@5.85 | 6 @6.2 | 5 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| February 5... | 11 00 | 3 3/4 @3 3/4 | 5 65@5.85 | 5 7/2 @6 | 5 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 12... | 10 75@11 00 | 3 3/4 @3.8 | 5 46@5.6 | 5 65@5.8 | 4 3/4 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 19... | 10 75 | 3 3/4 | 5 1/2 | 5.65 | 4 3/4 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 26... | 10 75 | 3 3/4 @3.7 | 5 @5 1/2 | 5 65@5.75 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| March 5... | 10 00@10 50 | 3 3/4 @3 1/2 | 5 25@5 1/2 | 5 35@5.45 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 12... | 9 75@9 87 1/2 | 3 3/4 @3 1/2 | 4 85 | 5 16@5.2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 19... | 10 00@10 12 1/2 | 3 3/4 | 5 15 | 5 1/2 @5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 26... | 9 75 | 3 3/4 @3 1/2 | 5 @5 1/2 | 5 1/2 @5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| April 2... | 10 00 | 3 3/4 @3 1/2 | 5 @5 1/2 | 5 1/2 @5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 9... | 9 75@10 00 | 3 3/4 @3 1/2 | 5 | 5 1/2 @5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 16... | 9 50@9 75 | 3 3/4 @3.65 | 4 96@4.92 | 5 1/2 @5.15 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 23... | 9 50@9 62 1/2 | 3 3/4 @3.65 | 4 82@4.83 | 4 85@4.95 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 30... | 8 75@9 00 | 3 3/4 | 4 65@4.67 | 4 85@4.85 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| May 7... | 9 00@9 25 | 3 3/4 @3 1/2 | 4 72@4 1/2 | 4 90@5 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 14... | 9 00@9 25 | 3 3/4 @3 1/2 | 4 7 @4 1/2 | 4 7 @4.9 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 21... | 8 50 | 3 3/4 | 4 4 @4 1/2 | 4 65@4.7 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 28... | 8 50 | 3 3/4 @3.65 | 4 3 @4.55 | 4 7 @4 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| June 4... | 9 00 | 4 | 4 8 | 5 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 11... | 9 50@9 75 | 4 1/2 | 5 15@5.2 | 5 35@5.5 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 18... | 9 50 | 4 1/2 @4 3/4 | 5 1/2 | 5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 25... | 9 75@10 00 | 5 | 5 1/2 | 5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| July 2... | 9 75@10 00 | 5 1/2 | 5 1/2 | 5 1/2 @5.85 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 9... | 9 62@9 75 | 5 | 5 45@5 1/2 | 5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 16... | 10 00@10 25 | 5 @5.1 | 5 85 | 6 @6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 23... | 9 75@10 00 | 5 | 5 8 @5.95 | 6 @6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 30... | 10 00@10 25 | 5 @5.1 | 5 85@5.75 | 6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| August 6... | 10 75 | 5 1/2 @5.3 | 6 3 @6 1/2 | 6 1/2 @6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 13... | 10 25 | 5 1/2 @5.3 | 6 9 @6 1/2 | 7 1/2 @7 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 20... | 10 50 | 5 1/2 @5 1/2 | 6 1/2 @6 1/2 | 6 9 @6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 27... | 10 25@10 50 | 5 1/2 @5 1/2 | 6 1/2 | 6 9 @6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| September 3... | 10 00 | 5 | 6 | 6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 10... | 9 00@9 25 | 4 3/4 | 5 65@5 1/2 | 5 85 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 17... | 9 37 1/2@9 50 | 4 3/4 @5 1/2 | 6 1/2 | 6 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 24... | 8 75@9 00 | 4 3/4 | 5 65@5 1/2 | 5 85 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| October 1... | 8 50@8 75 | 4 1/2 | 5 1/2 @5 1/2 | 5 1/2 @5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 8... | | | | | | | | | |
| 15... | 8 00@8 25 | 4 @4 1/2 | 5 | 5 1/2 @5.3 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 22... | 8 00 | 3 3/4 @3 1/2 | 4 3/4 @5 | 5 @5 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |
| 29... | 7 75@8 00 | 3 1/2 | 4 1/2 | 4 3/4 @4 1/2 | 4 1/2 @4 1/2 | 6 1/2 @7 1/2 | 7 @7 1/2 | 7 1/2 @7 1/2 | 8 1/2 @8 1/2 |

*No session of the Chamber.

Table showing the aggregate annual receipts and shipments of hogs and the hog product, at Cincinnati, during eleven pork years, each year ending October 31:

| YEARS. | IMPORTS. | | | | EXPORTS. | | | |
|--------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|
| | Hogs, head. | Pork, bbls. | Lard, lbs. | Meats, lbs. | Hogs, head. | Pork, bbls. | Lard, lbs. | Meats, lbs. |
| 1868-69..... | 449,884 | 15,468 | 15,451,425 | 21,054,269 | 76,939 | 71,055 | 36,253,380 | 66,309,106 |
| 1869-70..... | 486,487 | 14,102 | 8,547,480 | 24,791,596 | 38,649 | 71,858 | 22,922,880 | 68,783,744 |
| 1870-71..... | 724,069 | 14,566 | 14,954,820 | 34,693,854 | 87,463 | 69,547 | 40,614,090 | 95,843,823 |
| 1871-72..... | 996,216 | 31,277 | 14,675,970 | 41,340,576 | 170,124 | 109,279 | 40,347,010 | 120,847,896 |
| 1872-73..... | 1,125,380 | 9,284 | 17,589,825 | 45,337,286 | 267,399 | 47,494 | 45,279,650 | 136,765,300 |
| 1873-74..... | 1,113,331 | 7,279 | 16,921,080 | 35,963,598 | 396,803 | 46,357 | 40,936,125 | 124,342,241 |
| 1874-75..... | 911,478 | 9,650 | 12,154,500 | 26,493,613 | 150,428 | 55,268 | 34,767,334 | 98,129,018 |
| 1875-76..... | 882,618 | 5,924 | 13,680,811 | 25,789,708 | 185,621 | 54,892 | 34,927,861 | 97,649,782 |
| 1876-77..... | 950,091 | 4,066 | 8,649,842 | 20,275,625 | 247,005 | 59,373 | 33,907,783 | 90,707,934 |
| 1877-78..... | 1,069,146 | 3,189 | 9,435,791 | 18,617,937 | 231,929 | 67,611 | 43,658,859 | 93,447,945 |
| 1878-79..... | 1,059,710 | 5,327 | 12,022,574 | 18,706,216 | 213,058 | 60,307 | 42,075,935 | 102,751,489 |

CINCINNATI PORK PACKING.

Table showing the details of the packing in the city of Cincinnati, for the year ending March 1, 1879, compared with 1877-78, in accordance with the report of the Superintendent of the Merchants' Exchange, submitted to the Chamber of Commerce, March 5:

| WINTER PACKING (NOVEMBER 1st TO MARCH 1st). | | | SUMMER PACKING (MARCH 1st TO NOVEMBER 1st). | | |
|--|-------------|-------------|--|--------------|--------------|
| | 1878-79 | 1877-78 | | 1878 | 1877 |
| Whole number of hogs packed..... | 623,584 | 632,302 | Whole number of hogs packed..... | 154,517 | 134,416 |
| Decrease, head..... | 8,718 | | Aggregate gross weight, lbs..... | 37,562,545 | 30,086,602 |
| Equivalent to hogs of the weight of 1877-78, number..... | 593,989 | | Average gross weight, lbs..... | 248.09 | 223.9 |
| Aggregate gross weight, lbs..... | 168,733,427 | 179,616,939 | Aggregate yield of lard from head, gut, leaf and trimmings, lbs..... | 6,433,073 | 5,364,034 |
| Decrease, lbs..... | 10,883,512 | | Average yield of lard from head, gut, leaf and trimmings, lbs..... | 41.63 | 39.9 |
| Average gross weight, lbs..... | 270.58 | 284.06 | Aggregate cost..... | \$1,311,955 | \$1,531,141 |
| Decrease, lbs..... | 13.48 | | Average cost per 100 lbs, gross..... | \$3 49.27 | \$5 08.74 |
| Aggregate yield of lard from head, gut, leaf and trimmings, lbs..... | 22,973,870 | 23,901,356 | | | |
| Decrease, lbs..... | 2,927,477 | | BARRELED PORK PRODUCED. | | |
| Average yield of lard from head, gut, leaf and trimmings, lbs..... | 36.84 | 40.96 | | | |
| Decrease, lbs..... | 4.12 | | KINDS. | 1878 | 1877 |
| Aggregate cost..... | \$4,790,319 | \$7,540,967 | Family Mess.....bbls..... | 1,830 | 240 |
| Decrease..... | 2,750,648 | | Prime Mess.....bbls..... | 235 | 100 |
| Average cost per 100 lbs, gross..... | 2 83.89 | \$4.19.83 | Clear.....bbls..... | | 23 |
| Decrease..... | 1 35.94 | | Rump.....bbls..... | | 140 |
| | | | Extra Prime.....bbls..... | 194 | |
| | | | Clear Family Mess.....bbls..... | 28 | |
| | | | | | |
| BARRELED PORK PRODUCED. | | | PACKAGES OF LARD PRODUCED. | | |
| KINDS. | 1878-79 | 1877-78 | | | |
| Mess Pork.....bbls..... | 37,337 | 52,835 | PACKAGES. | 1878 | 1877 |
| Prime Mess.....bbls..... | 652 | 390 | | | |
| Extra Prime.....bbls..... | 1,467 | 1,118 | Tierces..... | 19,967 | 16,946 |
| Light Mess.....bbls..... | 69 | | Kegs..... | | |
| Family Mess.....bbls..... | 1,988 | 1,772 | | | |
| Extra Shoulder.....bbls..... | 233 | 317 | | | |
| Extra Clear.....bbls..... | 150 | 50 | | | |
| Clear.....bbls..... | 260 | 221 | | | |
| Clear Family Mess.....bbls..... | 290 | 72 | | | |
| Rump.....bbls..... | 2,573 | 2,892 | | | |
| Total..... | 45,019 | 59,107 | | | |
| Decrease..... | 14,088 | | | | |
| | | | PRODUCTION OF CUT MEATS (GREEN WEIGHT), WINTER SEASON. | | |
| PACKAGES OF LARD PRODUCED. | | | | | |
| PACKAGES. | 1878-79 | 1877-78 | KINDS. | 1878-79 lbs. | 1877-78 lbs. |
| Tierces..... | 69,723 | 78,273 | Clear Sides..... | 6,227,900 | 8,009,649 |
| Barrels..... | 313 | 1,211 | Clear Rib..... | 31,335,946 | 36,654,222 |
| Kegs..... | 1,602 | 2,169 | Long Clear..... | 4,247,861 | 3,002,018 |
| Buckets..... | 3,046 | | *Other kinds of sides..... | 4,964,001 | 3,522,216 |
| | | | Hams..... | 19,158,101 | 20,082,507 |
| | | | Shoulders..... | 15,847,554 | 18,185,173 |
| | | | Total..... | 81,281,363 | 89,455,783 |

* Including rough sides and bellies.

Table showing the weekly movement of hogs, barreled pork, lard and meats, at Cincinnati, for the provision years of 1878-79 and 1877-78:

| WEEK ENDING. | RECEIPTS 1878-79. | | | | RECEIPTS 1877-78. | | | | SHIPMENTS 1877-78. | | | |
|---------------|-------------------|-------------|------------|-------------|-------------------|-------------|------------|-------------|--------------------|-------------|------------|-------------|
| | Hogs, head. | Pork, bbls. | Lard, lbs. | Meats, lbs. | Hogs, head. | Pork, bbls. | Lard, lbs. | Meats, lbs. | Hogs, head. | Pork, bbls. | Lard, lbs. | Meats, lbs. |
| 3 November 29 | 18,847 | 19 | 229,350 | 53,533 | 6,079 | 113 | 554,070 | 682,850 | 3,452 | 1,211 | 174,240 | 437,699 |
| 9 | 18,319 | 3 | 22,780 | 33,990 | 11,223 | 1,008 | 1,270,170 | 2,300,809 | 3,870 | 650 | 891,665 | 627,622 |
| 16 | 52,828 | 3 | 18,060 | 76,910 | 9,961 | 686 | 1,075,749 | 2,430,170 | 2,502 | 1,065 | 820,960 | 1,131,504 |
| 23 | 67,979 | 5 | 437,250 | 54,635 | 10,325 | 978 | 1,925,519 | 2,484,310 | 846 | 2,021 | 1,002,888 | 1,276,284 |
| 30 | 71,540 | 98 | 396,240 | 23,515 | 7,731 | 2,710 | 1,176,380 | 3,038,994 | 899 | 1,816 | 1,388,385 | 2,975,163 |
| December 7 | 82,524 | 109 | 320,080 | 77,835 | 7,398 | 8,377 | 2,034,465 | 2,930,010 | 2,708 | 3,511 | 2,250,165 | 3,213,616 |
| 14 | 78,497 | 85 | 18,970 | 342,932 | 6,196 | 6,207 | 1,378,365 | 3,143,677 | 2,835 | 4,964 | 3,635,235 | 3,409,527 |
| 21 | 78,396 | 289 | 299,550 | 490,822 | 6,572 | 4,081 | 1,943,610 | 3,143,677 | 3,070 | 2,399 | 1,724,045 | 2,999,254 |
| 28 | 33,097 | 568 | 1,346,780 | 215,160 | 4,769 | 3,267 | 3,351,535 | 2,308,437 | 1,458 | 1,688 | 329,640 | 1,369,372 |
| January 5 | 45,119 | 1 | 1,067,680 | 438,070 | 6,016 | 948 | 1,585,730 | 3,038,437 | 1,910 | 484 | 765,310 | 2,611,767 |
| 12 | 36,972 | 262 | 868,455 | 639,250 | 4,787 | 576 | 1,775,940 | 2,739,335 | 2,236 | 3,857 | 1,063,915 | 2,618,209 |
| 19 | 22,586 | 15 | 22,586 | 635,120 | 4,639 | 9,015 | 1,731,925 | 2,698,435 | 1,855 | 4,857 | 3,554,910 | 2,982,968 |
| February 2 | 19,212 | 161 | 1,980,190 | 912,473 | 4,640 | 2,015 | 2,234,590 | 2,698,435 | 2,823 | 4,177 | 1,978,095 | 2,929,684 |
| 9 | 10,745 | 299 | 3,775 | 1,065,120 | 3,775 | 1,383 | 1,234,590 | 2,698,435 | 2,823 | 942 | 1,154,265 | 2,829,319 |
| 16 | 11,874 | 1,874 | 488,105 | 1,065,120 | 6,751 | 1,896 | 2,74,025 | 2,698,435 | 4,463 | 1,814 | 2,198,075 | 2,178,151 |
| 23 | 7,434 | 16 | 370,625 | 381,682 | 2,221 | 1,051 | 1,011,515 | 2,111,625 | 4,292 | 1,363 | 2,527,890 | 2,036,292 |
| March 1 | 11,693 | 114 | 306,785 | 797,325 | 1,973 | 1,051 | 1,011,515 | 2,111,625 | 4,138 | 1,081 | 1,948,275 | 1,576,510 |
| 8 | 9,124 | 58 | 83,365 | 593,347 | 2,294 | 1,015 | 1,011,515 | 2,111,625 | 4,546 | 803 | 693,645 | 1,500,207 |
| 15 | 6,610 | 30 | 131,340 | 2,294 | 2,294 | 1,015 | 1,011,515 | 2,111,625 | 5,621 | 891 | 849,660 | 1,418,385 |
| 22 | 7,282 | 30 | 131,340 | 2,294 | 2,294 | 1,015 | 1,011,515 | 2,111,625 | 5,621 | 891 | 849,660 | 1,418,385 |
| 29 | 11,146 | 145 | 289,560 | 1,707,106 | 4,637 | 1,313 | 4,473,580 | 1,856,290 | 3,266 | 365 | 611,040 | 1,116,885 |
| April 6 | 7,760 | 27 | 190,710 | 731,536 | 4,126 | 334 | 1,775,730 | 1,671,173 | 6,866 | 476 | 473,356 | 2,129,518 |
| 13 | 8,548 | 18 | 68,315 | 528,728 | 2,963 | 719 | 4,313,310 | 1,912,686 | 5,571 | 1,249 | 285,280 | 1,925,660 |
| 20 | 6,709 | 4 | 61,320 | 1,008,740 | 2,883 | 339 | 4,057,280 | 2,097,860 | 5,018 | 1,524 | 456,125 | 1,388,181 |
| 27 | 10,295 | 3 | 104,020 | 778,430 | 3,611 | 282 | 699,885 | 2,079,777 | 8,900 | 1,383 | 380,420 | 1,821,833 |
| May 4 | 10,795 | 19 | 255,750 | 478,423 | 3,439 | 624 | 598,360 | 2,079,777 | 8,116 | 1,807 | 628,885 | 1,492,905 |
| 11 | 13,690 | 16 | 38,060 | 118,658 | 3,537 | 516 | 671,815 | 2,015,077 | 4,499 | 1,086 | 419,010 | 1,642,569 |
| 18 | 10,035 | 3 | 72,000 | 183,310 | 3,427 | 976 | 671,815 | 2,015,077 | 6,206 | 2,393 | 384,140 | 2,304,581 |
| 25 | 11,939 | 13 | 70,400 | 230,555 | 4,202 | 380 | 891,020 | 1,750,824 | 7,553 | 1,195 | 700,320 | 1,988,187 |
| June 1 | 7,382 | 11 | 147,225 | 123,175 | 1,060 | 285 | 388,180 | 1,745,530 | 4,369 | 395 | 537,510 | 1,885,270 |
| 8 | 9,801 | 17 | 45,863 | 353,342 | 3,134 | 313 | 308,105 | 1,757,202 | 4,815 | 1,257 | 468,065 | 1,683,694 |
| 15 | 10,174 | 6 | 21,730 | 101,822 | 1,944 | 183 | 228,004 | 1,757,202 | 4,815 | 818 | 251,820 | 1,551,118 |
| 22 | 7,610 | 3 | 38,530 | 45,035 | 3,253 | 467 | 369,345 | 1,864,775 | 3,639 | 395 | 285,020 | 1,864,666 |
| 29 | 8,076 | 19 | 31,760 | 46,144 | 2,784 | 419 | 369,345 | 1,864,775 | 4,888 | 395 | 336,180 | 1,766,663 |
| July 6 | 6,246 | 32 | 84,060 | 43,585 | 2,569 | 996 | 170,610 | 2,367,870 | 2,666 | 961 | 294,510 | 1,585,119 |
| 13 | 6,461 | 1 | 25,741 | 56,025 | 2,901 | 217 | 153,000 | 2,113,037 | 3,451 | 440 | 259,411 | 1,689,774 |
| 20 | 6,086 | 17 | 31,163 | 56,025 | 2,901 | 217 | 153,000 | 2,113,037 | 2,109 | 966 | 306,480 | 1,626,507 |
| 27 | 7,013 | 6 | 31,163 | 56,025 | 2,901 | 217 | 153,000 | 2,113,037 | 2,837 | 1,397 | 306,480 | 1,626,507 |
| August 3 | 4,496 | 4 | 18,480 | 32,323 | 3,300 | 770 | 138,673 | 1,838,376 | 3,604 | 720 | 143,490 | 1,275,600 |
| 10 | 6,275 | 82 | 10,000 | 32,323 | 2,192 | 1,398 | 241,063 | 1,648,658 | 1,729 | 1,328 | 270,660 | 1,024,553 |
| 17 | 6,307 | 231 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 3,241 | 1,383 | 294,060 | 2,106,236 |
| 24 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 31 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| September 7 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 14 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 21 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 28 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| October 5 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 12 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 19 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 26 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| November 2 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 9 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 16 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 23 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |
| 30 | 6,307 | 61 | 33,040 | 293,156 | 2,382 | 1,085 | 185,310 | 2,328,530 | 4,015 | 677 | 315,065 | 1,819,741 |

Table showing the whole number of hogs slaughtered weekly, in Cincinnati, for seven years, during the winter packing season, with the exception of the last week in the season, for which returns were not made:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 | 1872-73 |
|-----------------|---------|---------|---------|---------|---------|---------|---------|
| November 8..... | 28,492 | *12,229 | ..... | 13,849 | 8,668 | ..... | ..... |
| 15..... | 36,684 | 24,015 | 19,825 | 26,575 | 20,516 | 164,782 | ..... |
| 22..... | 48,471 | 36,608 | 21,581 | 37,266 | 45,901 | 72,409 | ..... |
| 29..... | 62,751 | 47,032 | 36,710 | 45,725 | 60,664 | 74,127 | 146,611 |
| December 6..... | 62,474 | 56,019 | 51,890 | 61,544 | 63,296 | 77,038 | 61,926 |
| 13..... | 79,654 | 70,199 | 64,967 | 64,913 | 54,023 | 60,873 | 60,497 |
| 20..... | 74,255 | 27,805 | 65,235 | 56,697 | 42,514 | 66,008 | 67,814 |
| 27..... | 52,292 | 32,892 | 69,283 | 32,979 | 32,708 | 61,338 | 42,164 |
| January 3..... | 31,077 | 39,976 | 60,704 | 30,009 | 29,092 | 32,840 | 54,067 |
| 10..... | 84,725 | 52,119 | 38,132 | 39,630 | 35,446 | 24,041 | 55,473 |
| 17..... | 37,129 | 52,466 | 22,120 | 52,361 | 30,479 | 18,715 | 39,464 |
| 24..... | 23,969 | 48,127 | 12,493 | 29,283 | 27,925 | 15,323 | 33,655 |
| 31..... | 20,403 | 46,495 | 9,859 | 12,584 | 18,340 | 5,028 | 23,709 |
| February 7..... | 6,840 | 21,019 | 4,649 | 15,029 | 17,580 | 2,705 | 7,531 |
| 14..... | 3,619 | 16,838 | 5,171 | 11,400 | 13,511 | 6,649 | 5,242 |
| 21..... | ..... | 11,049 | 3,292 | 6,979 | 9,815 | 1,589 | 2,631 |
| Total..... | 602,325 | 603,378 | 475,331 | 526,775 | 610,453 | 568,055 | 600,084 |

* November 1 to 9, inclusive. † November 1 to 11, inclusive. ‡ November 1 to 14, inclusive. § November 1 to 30, inclusive.

Table showing the daily receipts and shipments of hogs, at Cincinnati, from November 1, 1878, to March 1, 1879:

| DATES. | Receipts. | Shipm'ts | DATES. | Receipts. | Shipm'ts. | DATES. | Receipts. | Shipm'ts. |
|--------------------|-----------|----------|-------------------|-----------|-----------|----------------|-----------|-----------|
| November 1.... | 5,922 | 2,239 | December 12.... | 17,068 | 594 | January 23.... | 4,188 | 318 |
| 2 & 3.... | 5,722 | 2,082 | 13.... | 15,963 | 2,250 | 24.... | 2,568 | 379 |
| 4.... | 7,060 | 1,200 | 14.... | 10,926 | 1,356 | 25.... | 4,470 | 49 |
| 5.... | 8,224 | 1,351 | 15 & 16.... | 9,789 | 1,461 | 26 & 27.... | 4,747 | 545 |
| 6.... | 10,141 | 2,084 | 17.... | 16,892 | 696 | 28.... | 3,808 | 239 |
| 7.... | 8,644 | 3,380 | 18.... | 16,517 | 767 | 29.... | 3,975 | 1,026 |
| 8.... | 3,313 | 2,310 | 19.... | 13,842 | 925 | 30.... | 3,339 | 1,786 |
| 9.... | 2,985 | 898 | 20.... | 11,083 | 1,326 | 31.... | 1,884 | 216 |
| 10 & 11.... | 6,735 | 1,562 | 21.... | 10,083 | 1,297 | February 1.... | 1,459 | 828 |
| 12.... | 8,439 | 1,069 | 22 & 23.... | 12,810 | 1,314 | 2 & 3.... | 1,618 | 708 |
| 13.... | 10,437 | 299 | 24.... | 4,509 | 800 | 4.... | 1,257 | 264 |
| 14.... | 11,566 | 2,313 | 25 & 26.... | 6,936 | 1,279 | 5.... | 1,781 | ..... |
| 15.... | 9,274 | 3,191 | 27.... | 4,486 | 1,376 | 6.... | 2,010 | 835 |
| 16.... | 6,377 | 1,517 | 28.... | 3,824 | ..... | 7.... | 1,917 | 746 |
| 17 & 18.... | 10,179 | 443 | 29 & 30.... | 4,247 | 355 | 8.... | 1,162 | 1,222 |
| 19.... | 11,976 | 1,522 | 31.... | 5,677 | 309 | 9 & 10.... | 2,291 | 1,114 |
| 20.... | 16,596 | 808 | January 1 & 2.... | 10,309 | 1,154 | 11.... | 2,125 | 847 |
| 21.... | 11,737 | 2,963 | 3.... | 8,037 | 1,036 | 12.... | 1,510 | 636 |
| 22.... | 8,743 | 2,162 | 4.... | 4,287 | 1,479 | 13.... | 2,670 | 1,329 |
| 23.... | 8,748 | 1,427 | 5 & 6.... | 7,146 | 1,151 | 14.... | 2,064 | 630 |
| 24 & 25.... | 11,020 | 1,021 | 7.... | 7,129 | 1,504 | 15.... | 714 | 873 |
| 26.... | 13,376 | 923 | 8.... | 7,395 | 1,375 | 16 & 17.... | 1,848 | 634 |
| 27.... | 17,196 | 1,577 | 9.... | 10,515 | 1,041 | 18.... | 875 | 490 |
| 28 & 29.... | 15,473 | 3,575 | 10.... | 6,143 | 745 | 19.... | 934 | ..... |
| 30.... | 14,513 | 635 | 11.... | 6,491 | 200 | 20.... | 1,129 | 125 |
| December 1 & 2.... | 16,364 | 447 | 12 & 13.... | 6,682 | 146 | 21.... | 1,342 | 741 |
| 3.... | 12,851 | 1,393 | 14.... | 7,439 | 766 | 22.... | 1,320 | 241 |
| 4.... | 14,203 | 2,048 | 15.... | 7,710 | 492 | 23 & 24.... | 2,489 | 783 |
| 5.... | 13,168 | 567 | 16.... | 7,482 | 1,411 | 25.... | 1,772 | ..... |
| 6.... | 14,062 | 1,877 | 17.... | 5,685 | 955 | 26.... | 2,500 | ..... |
| 7.... | 10,876 | 1,004 | 18.... | 1,974 | 1,017 | 27.... | 2,214 | 424 |
| 8 & 9.... | 9,631 | 617 | 19 & 20.... | 2,086 | 293 | 28.... | 984 | 261 |
| 10.... | 10,686 | 1,055 | 21.... | 3,696 | ..... |  |  |  |
| 11.... | 13,223 | 320 | 22.... | 5,548 | ..... |  |  |  |

*No session of the Chamber.

Table showing the average annual quotations, at Cincinnati, for the various articles of the hog product, for twenty-four years, each year ending August 31st:

| YEARS. | Mess | Bulk Meats. | | | | Bacon. | | | Lard. | | |
|---------|----------------|-------------|---------------|------------------------|-----------------|------------|------------------------|-----------------|--------------------------|---------------------------|-------------------|
| | Pork, bbls. | Shoulders. | Rib Sides. | Clear Rib Sides. | Clear Sides. | Shoulders. | Clear Rib Sides. | Clear Sides. | Sugar- Cured Hams. | Prime Steam Winter. | Kettle Winter. |
| 1855-56 | \$16 75 | 6.42c | 7.4c | ..... | ..... | 8.66c | ..... | ..... | ..... | ..... | 10.12c |
| 1856-57 | 19 96 | 8 | 9.66 | ..... | ..... | 9.16 | ..... | ..... | ..... | ..... | 12.5 |
| 1857-58 | 16 35 | 5.5 | 7.05 | ..... | ..... | 7.25 | ..... | ..... | ..... | ..... | 10.09 |
| 1858-59 | 16 61 | 6 | 8.08 | ..... | ..... | 6.88 | ..... | ..... | ..... | ..... | 10.88 |
| 1859-60 | 16 90 | 6.83 | 8.6 | ..... | ..... | 7.87 | ..... | ..... | ..... | ..... | 10.8 |
| 1860-61 | 16 21 | 5.5 | 7.6 | ..... | ..... | 6.71 | ..... | ..... | ..... | ..... | 9.1 |
| 1861-62 | 10 70 | 3.2 | 4.83 | ..... | ..... | 4 | ..... | ..... | ..... | ..... | 7.5 |
| 1862-63 | 12 46 | 4.08 | 5.2 | ..... | ..... | 4.63 | ..... | ..... | ..... | ..... | 9.5 |
| 1863-64 | 23 29 | 8.75 | 10.25 | ..... | ..... | 10.5 | ..... | ..... | ..... | ..... | 13.5 |
| 1864-65 | 32 75 | 14.5 | 14.62 | ..... | ..... | 16.5 | ..... | ..... | ..... | ..... | 20.25 |
| 1865-66 | 30 20 | 13.5 | 15.87 | ..... | ..... | 15.62 | ..... | ..... | ..... | ..... | 21.25 |
| 1866-67 | 23 64.5 | 9.75 | 11.5 | ..... | ..... | 11.75 | ..... | ..... | ..... | ..... | 13.25 |
| 1867-68 | 22 80 | 11.5 | 13.25 | ..... | ..... | 12.33 | ..... | ..... | ..... | ..... | 13.25 |
| 1868-69 | 30 35 | 14.12 | 14.75 | ..... | ..... | 13.5 | ..... | ..... | ..... | ..... | 13.37 |
| 1869-70 | 29 87.7 | 11.87 | 14.25 | ..... | ..... | 13.62 | 16.87 | 17.5 | ..... | ..... | 15.12 |
| 1870-71 | 19 44 | 7.25 | ..... | 9.37 | ..... | 9.12 | 11.12 | 11.87 | ..... | ..... | 11.75 |
| 1871-72 | 12 89 | 5.14 | ..... | 6.66 | ..... | 6.2 | 7.5 | 7.87 | 13.56 | ..... | 9 |
| 1872-73 | 14 85.7 | 5.9 | ..... | 8 | 8.4 | 6.8 | 9.8 | 9.6 | 14.58 | 8 | 8.25 |
| 1873-74 | 16 68.5 | 6.5 | ..... | 8.3 | 8.6 | 7.4 | 9.2 | 9.5 | 13.3 | 9.1 | 9.8 |
| 1874-75 | 20 46.8 | 7.84 | ..... | 11.2 | 11.6 | 9.07 | 12.58 | 13.11 | 13.66 | 13.72 | 14.45 |
| 1875-76 | 20 92.1 | 7.98 | ..... | 10.95 | 11.34 | 9.21 | 12.28 | 12.73 | 14.4 | 12.24 | 13.27 |
| 1876-77 | 15 42.4 | 5.8 | ..... | 7.81 | 8.28 | 6.8 | 8.79 | 9.25 | 12.34 | 9.75 | 10.53 |
| 1877-78 | 10 99 | 4.77 | ..... | 5.98 | 6.24 | 5.68 | 6.84 | 7.15 | 10.31 | 7.54 | 8.07 |
| 1878-79 | 9 24.9 | 3.5 | ..... | 4.57 | 4.88 | 4.09 | 5.13 | 5.41 | 9.35 | 6.06 | 6.87 |

Table showing the quotations for the best sugar-cured hams, at Cincinnati, on Tuesday of each week, for the past two years, each year ending October 31:

| DATES. | 1878-79 | 1877-78 | DATES. | 1878-79 | 1877-78 | DATES. | 1878-79 | 1877-78 |
|---------------|----------------|-----------------|------------|---------------|----------------|---------------|----------------|-----------------|
| November 5... | 9 1/4 @ 10 1/4 | 12 @ 13c | March 4... | 8 @ 9 1/4c | 7 1/2 @ 9 1/2c | July 8... | 9 @ 11c | 30 @ 11 1/2c |
| 12... | 8 1/2 @ 9 1/2 | 12 @ 13 | 11... | 8 @ 9 1/2 | 7 1/2 @ 9 | 15... | 9 @ 11 | 10 @ 11 1/2 |
| 19... | 8 1/2 @ 9 1/2 | 12 @ 13 | 18... | 8 @ 9 1/2 | 7 1/2 @ 9 1/4 | 22... | 9 1/2 @ 10 1/4 | 10 1/2 @ 11 |
| 26... | 8 @ 9 | 12 @ 13 | 25... | 8 @ 9 1/2 | 7 @ 9 | 29... | 9 1/2 @ 10 3/4 | 10 1/2 @ 11 1/2 |
| December 3... | 7 1/4 @ 8 1/4 | 11 1/2 @ 12 1/2 | April 1... | 8 @ 9 1/2 | 7 @ 9 | August 5... | 9 @ 10 | 11 @ 12 |
| 10... | 7 1/2 @ 8 1/2 | 11 @ 12 1/2 | 8... | 8 @ 9 1/2 | 7 @ 9 | 12... | 9 1/2 @ 10 | 12 @ 12 1/2 |
| 17... | 7 1/2 @ 9 | 10 1/4 @ 11 1/4 | 15... | 8 @ 9 | 7 @ 9 | 19... | 9 @ 10 | 12 @ 12 1/2 |
| 24... | 7 1/2 @ 9 | 10 1/4 @ 11 1/4 | 22... | 7 1/4 @ 9 1/2 | 7 @ 9 | 26... | 9 @ 10 1/2 | 12 1/2 @ 13 1/4 |
| 31... | 7 1/2 @ 8 1/2 | 10 1/4 @ 11 1/4 | 29... | 7 1/4 @ 9 1/2 | 7 @ 9 | Septem'r 2... | 8 1/2 @ 10 | 12 1/2 @ 13 1/4 |
| January 7... | 7 1/2 @ 8 1/2 | 9 1/2 @ 11 | 6... | 7 1/2 @ 9 1/2 | 7 @ 9 | 9... | 8 1/2 @ 10 | 12 @ 13 |
| 14... | 7 1/2 @ 8 1/2 | 9 @ 10 | 13... | 7 1/2 @ 9 1/2 | 7 @ 9 | 16... | 9 @ 10 | 12 @ 13 1/2 |
| 21... | 7 1/2 @ 9 | 9 @ 10 | 20... | 8 1/4 @ 9 1/2 | 7 @ 9 1/2 | 23... | 9 1/2 @ 10 | 12 @ 12 1/2 |
| 28... | 7 1/4 @ 9 | 8 @ 8 1/2 | 27... | 8 1/2 @ 9 1/2 | 7 1/2 @ 9 1/2 | 30... | 9 1/2 @ 10 | 11 @ 12 |
| February 4... | 8 @ 9 | 8 @ 9 1/2 | June 3... | 8 1/2 @ 9 1/2 | 7 1/2 @ 9 1/2 | October 7... | 9 1/2 @ 10 | 11 @ 11 1/2 |
| 11... | 8 @ 9 | 8 @ 9 1/2 | 10... | 8 1/2 @ 9 1/2 | 8 1/2 @ 10 1/2 | 14... | 8 1/2 @ 9 | 10 @ 11 |
| 18... | 8 @ 9 1/2 | 8 @ 9 1/2 | 17... | 9 @ 11 | 9 @ 11 | 21... | 8 1/2 @ 9 | 10 @ 11 |
| 25... | 8 @ 9 | 8 @ 9 1/2 | 24... | 9 @ 11 | 10 1/2 @ 12 | 28... | 8 1/4 @ 9 1/4 | 9 1/2 @ 10 |
| | | | July 1... | 9 @ 11 | 10 @ 11 1/2 | | | |

*No session of the Chamber.

| DATES. | WEEKLY RECEIPTS OF THE HOG PRODUCT AT CINCINNATI, 1875-76. | | | | | WEEKLY RECEIPTS OF THE HOG PRODUCT AT CINCINNATI, 1877-78. | | | | |
|-------------|--|------------|-------------|------------------|--------------------|--|------------|-------------|------------------|--------------------|
| | Bacon, lbs. | Hams, lbs. | Pork, bbls. | Bulk Meats, lbs. | Lard in kegs, lbs. | Bacon, lbs. | Hams, lbs. | Pork, bbls. | Bulk Meats, lbs. | Lard in kegs, lbs. |
| September 7 | 20,000 | 107,160 | 103 | 123,710 | 16,300 | 10,000 | 7,089 | 116 | 137,450 | 119,460 |
| 14 | 1,350 | 108,400 | 41 | 3,405 | 38,940 | 8,340 | 54,113 | 50 | 436,287 | 78,870 |
| 21 | 2,000 | 1,700 | 34 | 45,929 | 28,290 | 26,305 | 35,810 | 64 | 69,800 | 133,300 |
| 28 | 3,700 | 3,965 | 12 | 33,379 | 64,670 | 7,815 | 27,890 | ..... | 136,242 | 43,580 |
| October 5 | 1,552 | 1,552 | 84 | 33,940 | 38,940 | 4,980 | 54,400 | ..... | 136,711 | 43,580 |
| 12 | 25,200 | 15,640 | 2 | 41,940 | 7,260 | 3,380 | 28,680 | ..... | 136,711 | 43,580 |
| 19 | 352 | ..... | 24 | 72,615 | 157,740 | 40,000 | 15,855 | 68 | 146,295 | 72,770 |
| 26 | 22,340 | 9,370 | 23 | 37,850 | 205,240 | 40,000 | 15,855 | 8 | 146,295 | 72,770 |
| November 3 | 47,480 | 4,500 | 19 | 61,843 | 286,790 | 32,000 | 85,568 | 23 | 107,768 | 24,710 |
| 10 | ..... | 2,250 | 3 | 81,740 | 22,790 | 32,000 | 85,568 | ..... | 107,768 | 24,710 |
| 17 | ..... | 22,965 | 5 | 48,915 | 93,060 | 11,110 | 6,120 | ..... | 131,100 | 68,900 |
| 24 | 4,000 | 40,235 | 8 | 8,900 | 47,250 | 40,000 | 2,880 | 66 | 283,180 | 293,180 |
| 30 | 1,680 | 4,325 | 88 | 16,810 | 306,240 | 21,063 | 45,000 | 136 | 354,760 | 324,670 |
| December 7 | 9,000 | 22,685 | 109 | 36,250 | 320,080 | 21,063 | 45,000 | 234 | 324,670 | 324,670 |
| 14 | ..... | 12,055 | 85 | 330,877 | 68,970 | 2,830 | 197,885 | 93 | 562,910 | 562,910 |
| 21 | ..... | 182,155 | 1 | 308,147 | 209,550 | ..... | 156,955 | 60 | 47,180 | 170,970 |
| 28 | 550 | 2,040 | 269 | 179,548 | 517,110 | ..... | 21,760 | 130 | 56,182 | 208,560 |
| January 4 | 1,000 | 141,660 | 568 | 70,500 | 1,346,730 | ..... | 74,240 | 29 | 146,543 | 131,340 |
| 11 | ..... | 101,250 | 1 | 140,320 | 91,410 | ..... | 124,480 | 326 | 277,300 | 198,630 |
| 18 | 5,800 | 146,950 | 262 | 1,067,689 | ..... | 20,000 | 47,390 | 6 | 304,450 | 290,500 |
| 25 | ..... | 489,550 | 15 | 169,650 | 868,230 | 27,780 | 122,000 | 6 | 283,374 | 671,550 |
| February 1 | 23,500 | 209,640 | 161 | 331,980 | 1,980,990 | 17,780 | 156,637 | 161 | 509,486 | 291,720 |
| 8 | 1,040 | 479,845 | 299 | 481,628 | 284,290 | 3,000 | 58,760 | 101 | 417,246 | 939,310 |
| 15 | 11,500 | 331,225 | 1,874 | 689,385 | 484,320 | 15,780 | 8,500 | 80 | 135,782 | 1,156,980 |
| 22 | 7,347 | 37,685 | 16 | 276,450 | 370,220 | 19,255 | 19,956 | 120 | 129,870 | 807,890 |
| March 1 | 6,740 | 216,685 | 114 | 571,950 | 306,240 | 39,530 | 71,785 | 8 | 264,454 | 251,720 |
| 8 | 4,667 | 250,060 | ..... | 296,620 | 82,870 | 24,860 | 91,130 | 20 | 183,485 | 183,410 |
| 15 | 6,910 | 322,515 | 58 | 333,410 | 131,340 | 1,000 | 195,460 | 36 | 91,107 | 318,780 |
| 22 | 5,680 | 69,900 | 30 | 130,800 | 121,925 | 24,045 | 14,485 | 20 | 752,215 | 267,300 |
| 29 | 1,000 | 204,840 | 145 | 514,640 | 159,390 | 33,360 | 50,290 | 9 | 1,797,209 | 96,623 |
| April 5 | 3,240 | 108,940 | 27 | 1,534,325 | 269,240 | 1,020 | 4,420 | ..... | 924,503 | 52,870 |
| 12 | 3,400 | 101,190 | 257 | 614,525 | 190,710 | 3,550 | 1,700 | 66 | 395,964 | 67,173 |
| 19 | 4,400 | 14,913 | 18 | 509,415 | 68,225 | 5,020 | 121,864 | 21 | 1,010,572 | 48,440 |
| 26 | 3,700 | 32,850 | 4 | 165,740 | 65,820 | 7,720 | 11,045 | 4 | 378,690 | 48,440 |
| May 3 | 5,670 | 20,740 | ..... | 672,020 | 109,020 | 3,700 | 153,616 | 52 | 581,026 | 103,700 |
| 10 | 18,233 | 128,180 | 3 | 961,500 | 51,150 | 3,020 | 121,864 | ..... | 158,941 | 76,560 |
| 17 | 5,770 | 40,980 | 19 | 331,920 | 55,750 | 27,040 | 69,940 | ..... | 261,884 | 81,510 |
| 24 | 88,580 | 60,180 | 16 | 90,908 | 58,080 | 23,340 | 63,000 | ..... | 101,881 | 51,510 |
| 31 | 2,670 | 107,885 | 13 | 34,756 | 72,000 | 20,960 | 63,680 | ..... | 57,970 | 58,000 |
| June 7 | 2,310 | 85,960 | 11 | 37,175 | 44,225 | 8,698 | 101,310 | 5 | 205,860 | 51,810 |
| 14 | 16,780 | 197,445 | ..... | 119,317 | 177,220 | 11,340 | 144,430 | 6 | 285,000 | 34,990 |
| 21 | 5,060 | 7,615 | 17 | 83,707 | 21,450 | 30,570 | 401,260 | 139 | 257,149 | 61,050 |
| 28 | 13,850 | 7,615 | 6 | 24,050 | 36,530 | 3-0 | 388,368 | 5 | 388,269 | 16,500 |
| July 5 | 1,680 | 1,250 | 11 | 93,214 | 33,355 | 20,130 | 340,095 | 8 | 294,410 | 75,570 |
| 12 | 20,719 | 20,285 | 32 | 2,194 | 34,060 | 38,680 | 166,870 | 3 | 246,927 | 50,160 |
| 19 | 1,000 | 15,475 | 2 | 10,450 | 25,006 | ..... | 196,779 | 15 | 152,630 | 69,400 |
| 26 | 20,000 | 6,860 | 1 | 39,100 | 27,720 | 13,700 | 126,086 | 796 | 77,900 | 19,810 |
| August 2 | 1,000 | 7,540 | 6 | 9,685 | 31,065 | 1,680 | 385,076 | 3 | 285,845 | 62,370 |
| 9 | 19,991 | 4,420 | 4 | 9,350 | 18,480 | 2,550 | 183,483 | 133 | 67,450 | 121,440 |
| 16 | 3,340 | 17,000 | 82 | 110,585 | 60,690 | 2,430 | 140,228 | 1 | 379,869 | 55,110 |
| 23 | 16,860 | 25,100 | 38 | 75,490 | 11,050 | 22,360 | 29,580 | 2 | 24,300 | 41,250 |
| 30 | ..... | ..... | ..... | ..... | ..... | 2,000 | 107,440 | 3 | 86,180 | 76,190 |

* Instead of reporting the hog product by the kind of package containing the same, as was formerly done, a change was directed to be made in 1874-75, in the hope of separating it into its respective articles. This result it has been impossible fully to attain, owing to the want of definiteness in the books and bills of transportation companies. Thus, there was danger of reporting other meats, as hams, and *vice versa*. The general movement will be better indicated by taking the weekly totals, reported in pounds, which appears for the provision year on page 169, and comparing it with the corresponding total or the preceding year.

| WEEKLY SHIPMENTS OF THE HOG PRODUCT AT CINCINNATI, 1878-79. | | | | | | | | | | | | WEEKLY SHIPMENTS OF THE HOG PRODUCT AT CINCINNATI, 1877-78. | | | | | | | | | | | | | | | |
|---|---------|---------|-----------|-----------|-----------|-----------|---------|------------|------------|----------|-----------|---|---------|----------|---------|---------|-----------|-----------|-----------|-----------|-----------|------------|------------|----------|-----------|-----------|-----------|
| °Beacon, | | °Hams, | | °Portk, | | °Boxed, | | °Bulk, | | Lard in, | | Lard in, | | °Beacon, | | °Hams, | | °Portk, | | °Boxed, | | °Bulk, | | Lard in, | | Lard in, | |
| lbs. | hbls. | hbls. | hbls. | hbls. | hbls. | hbls. | hbls. | M'ts, lbs. | M'ts, lbs. | cs. | cs. | cs. | cs. | cs. | cs. | cs. | cs. | cs. | cs. | cs. | cs. | M'ts, lbs. | M'ts, lbs. | cs. | cs. | cs. | cs. |
| 7..... | 804,291 | 231,820 | 363 | 178,500 | 893,625 | 283,970 | 90 | 662,869 | 390,705 | 917 | 161,000 | 1,475,145 | 912,470 | 9,630 | 7..... | 804,291 | 231,820 | 363 | 178,500 | 893,625 | 283,970 | 90 | 662,869 | 390,705 | 917 | 161,000 | 1,475,145 |
| 14..... | 704,583 | 293,918 | 577 | 122,000 | 709,240 | 308,550 | 6,505 | 684,680 | 391,730 | 1,090 | 65,590 | 1,828,905 | 392,940 | 4,300 | 14..... | 704,583 | 293,918 | 577 | 122,000 | 709,240 | 308,550 | 6,505 | 684,680 | 391,730 | 1,090 | 65,590 | 1,828,905 |
| 21..... | 662,950 | 125,800 | 441 | 64,000 | 409,240 | 258,710 | ..... | 684,680 | 391,730 | 1,090 | 65,590 | 1,828,905 | 392,940 | 4,300 | 21..... | 662,950 | 125,800 | 441 | 64,000 | 409,240 | 258,710 | ..... | 684,680 | 391,730 | 1,090 | 65,590 | 1,828,905 |
| 28..... | 569,946 | 133,595 | 396 | 18,000 | 298,415 | 322,740 | 2,250 | 595,643 | 262,220 | 2,057 | 50,500 | 1,580,071 | 340,560 | 4,770 | 28..... | 569,946 | 133,595 | 396 | 18,000 | 298,415 | 322,740 | 2,250 | 595,643 | 262,220 | 2,057 | 50,500 | 1,580,071 |
| 5..... | 835,452 | 141,960 | 757 | 76,000 | 694,462 | 990,830 | 2,160 | 694,462 | 262,220 | 517 | 53,500 | 648,490 | 340,560 | 4,770 | 5..... | 835,452 | 141,960 | 757 | 76,000 | 694,462 | 990,830 | 2,160 | 694,462 | 262,220 | 517 | 53,500 | 648,490 |
| 12..... | 152,490 | 205,500 | 410 | 61,000 | 77,280 | 360,660 | 5,085 | 396,137 | 214,041 | 528 | 34,500 | 358,850 | 340,560 | 4,770 | 12..... | 152,490 | 205,500 | 410 | 61,000 | 77,280 | 360,660 | 5,085 | 396,137 | 214,041 | 528 | 34,500 | 358,850 |
| 19..... | 205,500 | 141,960 | 726 | 99,000 | 478,240 | 741,510 | 2,115 | 372,464 | 161,735 | 1,459 | 119,500 | 311,350 | 416,790 | 6,075 | 19..... | 205,500 | 141,960 | 726 | 99,000 | 478,240 | 741,510 | 2,115 | 372,464 | 161,735 | 1,459 | 119,500 | 311,350 |
| 26..... | 712,600 | 131,725 | 264 | 290,500 | 866,835 | 1,014,090 | 630 | 315,929 | 142,445 | 2,253 | 65,000 | 328,850 | 245,850 | 1,170 | 26..... | 712,600 | 131,725 | 264 | 290,500 | 866,835 | 1,014,090 | 630 | 315,929 | 142,445 | 2,253 | 65,000 | 328,850 |
| 3..... | 165,795 | 1,008 | 664,000 | 593,240 | 1,261,260 | 2,250 | 246,420 | 64,085 | 650 | 169,500 | 655,988 | 483,080 | 1,575 | 3..... | 165,795 | 1,008 | 664,000 | 593,240 | 1,261,260 | 2,250 | 246,420 | 64,085 | 650 | 169,500 | 655,988 | 483,080 | 1,575 |
| 9..... | 104,820 | 686 | 692,000 | 989,140 | 1,071,440 | 9,445 | 171,716 | 91,360 | 1,041 | 196,000 | 625,224 | 802,480 | 10,215 | 9..... | 104,820 | 686 | 692,000 | 989,140 | 1,071,440 | 9,445 | 171,716 | 91,360 | 1,041 | 196,000 | 625,224 | 802,480 | 10,215 |
| 16..... | 96,900 | 978 | 1,125,500 | 729,490 | 1,524,600 | 9,445 | 129,360 | 91,360 | 1,041 | 265,500 | 799,708 | 1,002,489 | 430 | 16..... | 96,900 | 978 | 1,125,500 | 729,490 | 1,524,600 | 9,445 | 129,360 | 91,360 | 1,041 | 265,500 | 799,708 | 1,002,489 | 430 |
| 23..... | 252,993 | 2,710 | 1,432,500 | 952,069 | 1,364,880 | 11,663 | 139,930 | 114,360 | 3,511 | 725,000 | 1,409,138 | 1,396,270 | 2,115 | 23..... | 252,993 | 2,710 | 1,432,500 | 952,069 | 1,364,880 | 11,663 | 139,930 | 114,360 | 3,511 | 725,000 | 1,409,138 | 1,396,270 | 2,115 |
| 30..... | 296,080 | 3,207 | 745,500 | 543,770 | 2,082,800 | 10,653 | 171,920 | 114,360 | 3,511 | 119,500 | 1,769,086 | 2,602,610 | 32,635 | 30..... | 296,080 | 3,207 | 745,500 | 543,770 | 2,082,800 | 10,653 | 171,920 | 114,360 | 3,511 | 119,500 | 1,769,086 | 2,602,610 | 32,635 |
| 7..... | 324,130 | 282,674 | 4,081 | 1,014,000 | 627,242 | 3,538,380 | 3,870 | 234,590 | 328,750 | 2,209 | 930,500 | 807,114 | 7,605 | 7..... | 324,130 | 282,674 | 4,081 | 1,014,000 | 627,242 | 3,538,380 | 3,870 | 234,590 | 328,750 | 2,209 | 930,500 | 807,114 | 7,605 |
| 14..... | 156,200 | 502,985 | 5,367 | 1,017,000 | 627,242 | 3,538,380 | 3,870 | 234,590 | 328,750 | 2,209 | 930,500 | 807,114 | 7,605 | 14..... | 156,200 | 502,985 | 5,367 | 1,017,000 | 627,242 | 3,538,380 | 3,870 | 234,590 | 328,750 | 2,209 | 930,500 | 807,114 | 7,605 |
| 21..... | 197,800 | 598,145 | 2,708 | 1,880,500 | 218,920 | 2,654,190 | 2,655 | 781,570 | 241,280 | 1,484 | 1,082,000 | 1,296,937 | 7,560 | 21..... | 197,800 | 598,145 | 2,708 | 1,880,500 | 218,920 | 2,654,190 | 2,655 | 781,570 | 241,280 | 1,484 | 1,082,000 | 1,296,937 | 7,560 |
| 28..... | 197,800 | 598,145 | 2,708 | 1,880,500 | 218,920 | 2,654,190 | 2,655 | 781,570 | 241,280 | 1,484 | 1,082,000 | 1,296,937 | 7,560 | 28..... | 197,800 | 598,145 | 2,708 | 1,880,500 | 218,920 | 2,654,190 | 2,655 | 781,570 | 241,280 | 1,484 | 1,082,000 | 1,296,937 | 7,560 |
| 11..... | 291,910 | 327,115 | 376 | 1,425,000 | 501,530 | 1,738,420 | 1,620 | 233,450 | 713,511 | 4,177 | 117,500 | 862,590 | 14,965 | 11..... | 291,910 | 327,115 | 376 | 1,425,000 | 501,530 | 1,738,420 | 1,620 | 233,450 | 713,511 | 4,177 | 117,500 | 862,590 | 14,965 |
| 18..... | 270,830 | 327,115 | 376 | 1,425,000 | 501,530 | 1,738,420 | 1,620 | 233,450 | 713,511 | 4,177 | 117,500 | 862,590 | 14,965 | 18..... | 270,830 | 327,115 | 376 | 1,425,000 | 501,530 | 1,738,420 | 1,620 | 233,450 | 713,511 | 4,177 | 117,500 | 862,590 | 14,965 |
| 25..... | 290,465 | 604,050 | 2,015 | 1,261,000 | 413,175 | 2,295,750 | 6,750 | 272,790 | 619,100 | 1,912 | 967,000 | 934,499 | 2,565 | 25..... | 290,465 | 604,050 | 2,015 | 1,261,000 | 413,175 | 2,295,750 | 6,750 | 272,790 | 619,100 | 1,912 | 967,000 | 934,499 | 2,565 |
| 1..... | 403,000 | 709,680 | 1,896 | 1,026,000 | 307,859 | 1,631,720 | 10,363 | 468,300 | 316,475 | 1,842 | 675,500 | 567,660 | 2,130 | 1..... | 403,000 | 709,680 | 1,896 | 1,026,000 | 307,859 | 1,631,720 | 10,363 | 468,300 | 316,475 | 1,842 | 675,500 | 567,660 | 2,130 |
| 8..... | 346,770 | 474,638 | 1,031 | 1,735,000 | 515,925 | 663,630 | 10,363 | 468,300 | 316,475 | 1,842 | 675,500 | 567,660 | 2,130 | 8..... | 346,770 | 474,638 | 1,031 | 1,735,000 | 515,925 | 663,630 | 10,363 | 468,300 | 316,475 | 1,842 | 675,500 | 567,660 | 2,130 |
| 15..... | 447,965 | 408,480 | 1,031 | 1,735,000 | 515,925 | 663,630 | 10,363 | 468,300 | 316,475 | 1,842 | 675,500 | 567,660 | 2,130 | 15..... | 447,965 | 408,480 | 1,031 | 1,735,000 | 515,925 | 663,630 | 10,363 | 468,300 | 316,475 | 1,842 | 675,500 | 567,660 | 2,130 |
| 22..... | 137,440 | 638,130 | 1,019 | 325,500 | 274,350 | 313,170 | 1,840 | 338,940 | 568,000 | 891 | 163,000 | 353,915 | 900 | 22..... | 137,440 | 638,130 | 1,019 | 325,500 | 274,350 | 313,170 | 1,840 | 338,940 | 568,000 | 891 | 163,000 | 353,915 | 900 |
| 29..... | 137,440 | 638,130 | 1,019 | 325,500 | 274,350 | 313,170 | 1,840 | 338,940 | 568,000 | 891 | 163,000 | 353,915 | 900 | 29..... | 137,440 | 638,130 | 1,019 | 325,500 | 274,350 | 313,170 | 1,840 | 338,940 | 568,000 | 891 | 163,000 | 353,915 | 900 |
| 6..... | 475,000 | 558,035 | 3,229 | 408,000 | 198,424 | 846,900 | 0,540 | 546,590 | 361,020 | 492 | 252,500 | 311,545 | 945 | 6..... | 475,000 | 558,035 | 3,229 | 408,000 | 198,424 | 846,900 | 0,540 | 546,590 | 361,020 | 492 | 252,500 | 311,545 | 945 |
| 13..... | 423,770 | 558,035 | 3,229 | 408,000 | 198,424 | 846,900 | 0,540 | 546,590 | 361,020 | 492 | 252,500 | 311,545 | 945 | 13..... | 423,770 | 558,035 | 3,229 | 408,000 | 198,424 | 846,900 | 0,540 | 546,590 | 361,020 | 492 | 252,500 | 311,545 | 945 |
| 20..... | 475,000 | 558,035 | 3,229 | 408,000 | 198,424 | 846,900 | 0,540 | 546,590 | 361,020 | 492 | 252,500 | 311,545 | 945 | 20..... | 475,000 | 558,035 | 3,229 | 408,000 | 198,424 | 846,900 | 0,540 | 546,590 | 361,020 | 492 | 252,500 | 311,545 | 945 |
| 27..... | 350,140 | 507,757 | 719 | 344,500 | 488,925 | 578,340 | 3,465 | 460,460 | 736,395 | 1,478 | 210,500 | 397,591 | 272,520 | 27..... | 350,140 | 507,757 | 719 | 344,500 | 488,925 | 578,340 | 3,465 | 460,460 | 736,395 | 1,478 | 210,500 | 397,591 | 272,520 |
| 4..... | 409,911 | 584,935 | 719 | 344,500 | 488,925 | 578,340 | 3,465 | 460,460 | 736,395 | 1,478 | 210,500 | 397,591 | 272,520 | 4..... | 409,911 | 584,935 | 719 | 344,500 | 488,925 | 578,340 | 3,465 | 460,460 | 736,395 | 1,478 | 210,500 | 397,591 | 272,520 |
| 11..... | 687,905 | 676,410 | 330 | 170,000 | 606,010 | 222,090 | 1,665 | 427,000 | 703,640 | 1,289 | 347,500 | 417,690 | 284,390 | 11..... | 687,905 | 676,410 | 330 | 170,000 | 606,010 | 222,090 | 1,665 | 427,000 | 703,640 | 1,289 | 347,500 | 417,690 | 284,390 |
| 18..... | 582,750 | 835,445 | 202 | 248,500 | 606,010 | 222,090 | 1,665 | 427,000 | 703,640 | 1,289 | 347,500 | 417,690 | 284,390 | 18..... | 582,750 | 835,445 | 202 | 248,500 | 606,010 | 222,090 | 1,665 | 427,000 | 703,640 | 1,289 | 347,500 | 417,690 | 284,390 |
| 25..... | 484,080 | 738,607 | 397 | 210,000 | 692,090 | 366,380 | 1,305 | 382,901 | 801,690 | 1,303 | 109,000 | 538,742 | 389,070 | 25..... | 484,080 | 738,607 | 397 | 210,000 | 692,090 | 366,380 | 1,305 | 382,901 | 801,690 | 1,303 | 109,000 | 538,742 | 389,070 |
| 2..... | 566,090 | 617,217 | 276 | 191,500 | 643,230 | 498,300 | 5,130 | 596,550 | 750,239 | 1,696 | 97,000 | 280,390 | 628,320 | 2..... | 566,090 | 617,217 | 276 | 191,500 | 643,230 | 498,300 | 5,130 | 596,550 | 750,239 | 1,696 | 97,000 | 280,390 | 628,320 |
| 9..... | 830,292 | 738,751 | 517 | 168,000 | 561,321 | 667,950 | 3,865 | 600,555 | 767,475 | 1,195 | 48,500 | 317,362 | 800,601 | 9..... | 830,292 | 738,751 | 517 | 168,000 | 561,321 | 667,950 | 3,865 | 600,555 | 767,475 | 1,195 | 48,500 | 317,362 | 800,601 |
| 16..... | 612,550 | 542,035 | 390 | 202,500 | 392,940 | 388,410 | 2,610 | 560,861 | 739,381 | 1,385 | 35,000 | 605,291 | 1,340 | 16..... | 612,550 | 542,035 | 390 | 202,500 | 392,940 | 388,410 | 2,610 | 560,861 | 739,381 | 1,385 | 35,000 | 605,291 | 1,340 |
| 23..... | 520,810 | 778,530 | 295 | 99,000 | 347,190 | 367,950 | 18,540 | 782,821 | 979,981 | 1,195 | 48,500 | 317,362 | 2,700 | 23..... | 520,810 | 778,530 | 295 | 99,000 | 347,190 | 367,950 | 18,540 | 782,821 | 979,981 | 1,195 | 48,500 | 317,362 | 2,700 |
| 30..... | 784,430 | 585,377 | 318 | 180,000 | 411,285 | 300,390 | 6,800 | 479,990 | 522,760 | 1,257 | 37,000 | 467,938 | 1,155 | 30..... | 784,430 | 585,377 | 318 | 180,000 | 411,285 | 300,390 | 6,800 | 479,990 | 522,760 | 1,2 | | | |

³Instead of reporting the hog product by the kind of packages containing the same, as was formerly done, a change was directed to be made in 1871-75, in the hope of separating it into its respective articles. This result it has been impossible fully to attain, owing to the want of definiteness in the books and bills of transportation companies. Thus, there was danger of reporting other meats, as hams, and *vice versa*. The general movement will be better indicated by taking the weekly total of all kinds of meats, reported in pounds, which appears for the provision year on page 169, and comparing with the corresponding total for the preceding year.

The annual movement of the hog product, at Cincinnati, for thirty-three years, each year ending August 31st, appears in the following table. From 1874-75 to 1878-79, inclusive, the quantity is given in pounds in all articles, save barreled meats. Prior to these years, it appears in packages. The old forms of subdivision are preserved, that is, in hogsheads, tierces and pounds, it being understood that the aggregate given, for the past five years, are for bacon under the head of "hogsheads," hams under the head of "tierces," and bulk meats under the head of "pounds," though the want of definiteness in the books and bills of the transportation companies renders it difficult to make satisfactory distinctions. For the general movement of the product for the provision years, ending October 21, see page 167.

| YEARS. | RECEIPTS. | | | | SHIPMENTS. | | | | | | | | |
|----------|-------------------------------|---------------------------------|------------|---------------------------|-------------------------------|----------------------|-------------------------------|---------------------------------|------------|-------------------------------|----------------------|-------------------------------|----------------------|
| | Pork and Bacon, hnds. or lbs. | Pork and Bacon, tierces or lbs. | Pork, bls. | Pork and Bacon, con, lbs. | Lard, bls., tierces or lbs. † | Lard, kegs or lbs. † | Pork and Bacon, hnds. or lbs. | Pork and Bacon, tierces or lbs. | Pork, bls. | Pork and Bacon, boxes or lbs. | Pork and Bacon, lbs. | Lard, bls., tierces or lbs. † | Lard, kegs or lbs. † |
| 1846-47. | 5,476 | 124 | 40,581 | 8,027,399 | 21,991 | 23,287 | 31,538 | 7,854 | 157,218 | ..... | 3,478,850 | 49,878 | 150,828 |
| 1847-48. | 4,420 | 140 | 69,828 | 9,645,063 | 27,978 | 42,722 | 37,162 | 8,862 | 196,186 | ..... | 750,188 | 81,679 | 208,696 |
| 1848-49. | 6,178 | 465 | 44,267 | 9,349,398 | 34,173 | 47,814 | 39,470 | 10,930 | 186,192 | ..... | 924,256 | 37,521 | 130,509 |
| 1849-50. | 7,564 | 2,358 | 43,227 | 13,255,746 | 38,514 | 61,121 | 23,529 | 22,477 | 193,581 | ..... | 2,310,669 | 39,192 | 170,168 |
| 1850-51. | 6,227 | 1,183 | 31,565 | 14,632,881 | 36,027 | 38,282 | 30,220 | 29,767 | 122,086 | 2,974 | 4,753,933 | 30,391 | 71,300 |
| 1851-52. | 10,333 | 1,997 | 16,332 | 26,868,941 | 36,027 | 38,282 | 30,220 | 29,767 | 122,086 | 2,974 | 4,753,933 | 30,391 | 71,300 |
| 1852-53. | 15,251 | 3,550 | 39,517 | 28,868,327 | 51,747 | 28,157 | 47,150 | 53,154 | 135,707 | 6,338 | 2,146,987 | 42,652 | 96,650 |
| 1853-54. | 12,164 | 2,736 | 27,059 | 27,059,927 | 76,094 | 19,753 | 49,230 | 51,778 | 184,939 | 18,806 | 1,939,148 | 57,084 | 84,346 |
| 1854-55. | 5,947 | 6,770 | 38,365 | 18,351,646 | 53,654 | 14,317 | 42,469 | 40,515 | 104,275 | 22,574 | 873,084 | 43,799 | 62,806 |
| 1855-56. | 9,734 | 7,313 | 36,292 | 16,492,452 | 79,505 | 14,763 | 31,003 | 41,819 | 110,869 | 25,603 | 1,115,220 | 31,838 | 50,398 |
| 1856-57. | 3,264 | 1,667 | 19,713 | 11,968,485 | 29,465 | 10,534 | 34,072 | 32,775 | 100,816 | 29,896 | 900,799 | 36,989 | 51,596 |
| 1857-58. | 5,399 | 1,487 | 22,291 | 10,613,113 | 46,651 | 8,629 | 43,247 | 34,648 | 113,594 | 21,318 | 618,358 | 53,384 | 53,571 |
| 1858-59. | 5,153 | 2,199 | 38,690 | 18,975,009 | 48,033 | 8,212 | 42,142 | 32,573 | 112,160 | 8,208 | 540,400 | 44,634 | 49,959 |
| 1859-60. | 4,662 | 3,882 | 25,436 | 25,436,222 | 47,499 | 11,319 | 52,532 | 39,833 | 104,547 | 19,104 | 345,922 | 60,658 | 55,701 |
| 1860-61. | 5,136 | 6,459 | 37,447 | 21,912,796 | 99,085 | 12,245 | 47,851 | 32,251 | 121,651 | 31,271 | 776,571 | 100,806 | 64,643 |
| 1861-62. | 10,982 | 3,879 | 46,903 | 28,708,694 | 93,703 | 39,582 | 39,458 | 40,965 | 86,363 | 76,549 | 2,038,383 | 139,596 | 61,352 |
| 1862-63. | 8,443 | 10,361 | 47,457 | 33,215,723 | 58,328 | 5,327 | 27,749 | 53,135 | 123,900 | 115,178 | 700,881 | 144,147 | 32,699 |
| 1863-64. | 5,353 | 7,178 | 41,412 | 20,169,052 | 58,328 | 5,327 | 34,739 | 53,135 | 123,900 | 36,422 | 1,810,875 | 82,836 | 13,028 |
| 1864-65. | 4,918 | 6,810 | 38,642 | 55,556 | 6,430 | 27,727 | 37,440 | 37,440 | 89,061 | 17,461 | 1,124,756 | 66,011 | 17,674 |
| 1865-66. | 4,850 | 5,242 | 28,443 | 10,908,538 | 55,556 | 6,430 | 36,256 | 36,256 | 113,204 | 12,298 | 1,798,708 | 98,403 | 53,495 |
| 1866-67. | 5,292 | 4,843 | 13,691 | 13,691,730 | 76,475 | 9,145 | 40,638 | 43,226 | 91,186 | 9,923 | 1,396,894 | 116,573 | 41,892 |
| 1867-68. | 2,247 | 10,627 | 16,647 | 18,386,343 | 41,600 | 4,693 | 64,591 | 41,031 | 105,928 | 9,600 | 5,054,315 | 116,046 | 41,838 |
| 1868-69. | 1,776 | 9,073 | 14,647 | 17,386,497 | 48,414 | 2,416 | 41,453 | 45,332 | 67,666 | 8,311 | 7,325,236 | 108,437 | 37,099 |
| 1869-70. | 1,623 | 9,339 | 15,615 | 25,445,310 | 425,326 | 1,469 | 39,296 | 45,681 | 91,186 | 9,800 | 11,828,280 | 57,537 | 74,693 |
| 1870-71. | 2,756 | 9,428 | 10,185 | 25,445,310 | 425,326 | 1,469 | 68,838 | 51,863 | 72,487 | 14,845 | 19,958,909 | 110,304 | 49,735 |
| 1871-72. | 3,329 | 11,407 | 12,185 | 28,994,404 | 442,814 | 2,567 | 69,838 | 76,115 | 93,985 | 14,835 | 26,449,425 | 112,002 | 38,296 |
| 1872-73. | 2,296 | 13,140 | 7,122 | 28,994,404 | 442,814 | 2,567 | 68,800 | 81,454 | 62,030 | 20,860 | 36,553,997 | 110,789 | 41,227 |
| 1873-74. | *666,272 | 13,140 | 7,122 | 28,994,404 | 442,814 | 2,567 | 68,800 | 81,454 | 62,030 | 20,860 | 36,553,997 | 110,789 | 41,227 |
| 1874-75. | *1,128,066 | 9,009 | 22,205 | 12,010,131 | *11,546,661 | *39,465 | *29,897,866 | *23,433,508 | 53,518 | 18,444 | *37,590,015 | *29,579,084 | *38,938 |
| 1875-76. | *343,999 | 6,063 | 19,341 | 13,035,251 | *13,035,251 | *16,470 | *26,509,385 | *23,487,125 | 43,970 | *9,162,971 | *32,687,549 | *34,565,110 | *492,090 |
| 1876-77. | *701,411 | 5,333 | 115,533 | 8,779,520 | *8,779,520 | *23,337 | *21,921,630 | *19,799,531 | 65,479 | *10,026,810 | *39,181,649 | *33,525,976 | *458,458 |
| 1877-78. | *177,781 | 3,179 | 14,032 | 9,371,686 | *9,371,686 | *33,660 | *21,813,868 | *22,839,734 | 73,381 | *16,026,500 | *23,638,175 | *44,987,709 | *54,725 |
| 1878-79. | *177,849 | 5,035 | 12,020 | 12,020,353 | *12,010,131 | *13,060 | *28,319,529 | *22,442,924 | 57,111 | *27,061,000 | *23,857,275 | *42,208,320 | *193,685 |

* Pounds.

† The receipts and shipments of lard, except in kegs, from 1869-70 to 1873-74, inclusive, are given in tierces. Prior to that they are reported in barrels, two tierces being counted equal to three barrels. In 1874-75 to 1878-79, inclusive, they are reported in pounds. ‡ Embracing also boxed meats.

PORK PACKING IN THE WEST FOR TWENTY-NINE YEARS.

Table showing the whole number of hogs packed in the West, for the winter seasons of 1849-50 to 1869-70, inclusive, and from 1876-77 to 1878-79, inclusive, as reported by the *Cincinnati Price Current*, and for the seasons of 1870-71 to 1875-76, inclusive, according to the reports of the Superintendent of the Cincinnati Merchants' Exchange :

| YEARS. | No. Hogs. | YEARS. | No. Hogs. | YEARS. | No. Hogs. | YEARS. | No. Hogs. |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| 1849-50..... | 1,652,220 | 1857-58..... | 2,210,778 | 1864-65..... | 2,422,779 | 1871-72..... | 4,782,403 |
| 1850-51..... | 1,332,867 | 1858-59..... | 2,465,552 | 1865-66..... | 1,785,955 | 1872-73..... | 5,456,004 |
| 1851-52..... | 1,182,846 | 1859-60..... | 2,350,822 | 1866-67..... | 2,480,791 | 1873-74..... | 5,388,810 |
| 1852-53..... | 2,201,110 | 1860-61..... | 2,155,702 | 1867-68..... | 2,781,084 | 1874-75..... | 5,537,124 |
| 1853-54..... | 2,584,770 | 1861-62..... | 2,893,666 | 1868-69..... | 2,499,873 | 1875-76..... | 4,850,192 |
| 1854-55..... | 2,124,404 | 1862-63..... | 4,069,520 | 1869-70..... | 3,635,312 | 1876-77..... | 5,101,308 |
| 1855-56..... | 2,489,502 | 1863-64..... | 3,261,105 | 1870-71..... | 3,623,404 | 1877-78..... | 6,505,446 |
| 1856-57..... | 1,818,468 | | | | | 1878-79..... | 7,480,648 |

PORK PACKERS' ASSOCIATION OF CINCINNATI.

The Pork Packers' Association of Cincinnati, at their annual meeting, held October 6th, 1879, adopted a resolution requesting the Board of Officers of the Chamber of Commerce to incorporate the following report in the Annual Report of the Chamber. This request was granted by the Board, and the Superintendent was instructed to embrace the same in this report:

CINCINNATI, October 6, 1879.

To the Members of the Pork Packers' Association of Cincinnati:

GENTLEMEN—The commercial year of 1878-79 reaches a conclusion under circumstances widely different from any previous year since the panic of 1873. Any doubts entertained early in the year by the merchants and manufacturers of the country, that we were approaching solid ground, disappeared in the presence of accomplished facts, giving place to a steadily increasing confidence, and a general improvement in the business of the country.

In the pork trade, the benefits, perhaps, have not been so marked as in some other departments, because the yellow fever, again appearing in the South in midsummer, seriously checked business in that direction, and the clearest indications of a permanent change came after much of the provision year had passed, and the main part of the manufactured article had left the country, or gone into consumption. But there have not been wanting unmistakable evidences of a permanently improved condition, and the year's work, as far as Cincinnati is concerned, has been to the packers one of fair remuneration. The new provision year approaches under many favorable circumstances. The shipments of the hog product abroad have been without precedent; the wants of the old world, with the failure of the crops, must be very great during the coming year; the broad fields of the West have yielded the husbandman a rich return for his labor; new life thrills through the whole industrial and commercial body, and the business future is bright with promise. But business needs more than propelling power. The brakes may be necessary to save it from the consequences of its own momentum. The outlet for our surplus is the world. The world wants our products at

moderate prices, not at excessive ones, and the cheaper we can furnish them, and yet receive a fair return for the capital and labor employed, the better, in the end, it will be for all classes. It is true that the general business activity does not necessarily mean at present larger profits to manufacturers, that the prices of manufactured articles, in many instances, follow the advance in raw materials with reluctance, and that in some departments of production, slender as have been the profits of the past, there has been little or no increase in prices, though, at the prices, there has been increased demand, yet high priced raw materials, sooner or later, swell the prices of manufactured goods, and this eventually impairs demand. If plain business propositions, such as these, could have their due weight, in directing the business movements in the new era on which we have entered, it would save the future from many a business sorrow which will ensue, should the fair winds which now fill the sails of the business crafts of the country swell to a gale of speculation and inflated values.

The benefits of the Cincinnati Southern Railway to the provision interest of the city have been marked during the year, not in opening up the remote South to our manufactured product, but in materially increasing the receipts of stock. A large number of hogs came over the road last winter, while there were liberal receipts of both cattle and sheep during the past spring and summer. The connection now being made between McLean Avenue and the Cincinnati & Baltimore Railroad, by which stock will be transferred, without change, to the United Railroads Stock Yards, will add materially to our facilities for transacting this business.

The general facilities for handling live stock here are steadily growing better. The desirableness of this as a market is increasing, and the number of persons who seek this city for supplies is enlarging. The business of the United Railroads Stock Yards, according to the figures of George Ledlie, Esq., Assistant Secretary, furnished elsewhere, shows a material increase over 1877-78, and has been the largest in the history of the yards. The receipts of hogs aggregated 892,686 head, compared with 793,863 in the previous year; of cattle, 158,869, in comparison with 142,851, and of sheep, 328,897, compared with 274,027. In hogs, the increase has been about 12½ per cent., cattle 11 per cent., and sheep 20 per cent. The entire receipts of hogs, cattle and sheep, at these yards, show an increase over 1877-78, of 169,711 head. The shipments were as follows: 1878-79, hogs 208,406, cattle 63,824, sheep 244,152; 1877-78, hogs 175,103, cattle 52,902, sheep 207,103. It will thus be seen that there has been a material increase in the shipments of all kinds of stock, and yet it is noticeable that the net receipts also have been much larger than in the previous year. The average weight of the hogs weighed, shows a material falling off, having been 242.77 pounds gross, in comparison with 260.26 in 1877-78. Both cattle and sheep, however, have increased in weight, the former having averaged 986.46 pounds, in comparison with 974.3, and the latter 82.99 pounds, compared with 75.98. It must be remembered, too, that these figures do not embrace our entire business in stock. The Miami Stock Yards, Slimer's Stock Yards, and the Covington Stock Yards, each make liberal contributions to the grand aggregate of the stock business of this city.

A committee appointed during the year to act in conjunction with the Provision Inspection Committee of the Cincinnati Chamber of Commerce, with a view to the revision of the rules for the regulation of the provision trade of this city, has not made a report. The rules of the Chamber lack definiteness in many particulars, and could be improved. If revision occur, the advantages of making it early, so that the revised rules may go into the annual report of the Chamber, is apparent.

At a meeting in February, the attention of the Association was called by Maj. S. V. Reid, Associate Commissioner, to the desirableness of a good exhibit of the hog product at the Seventh Cincinnati Industrial Exposition, and Wm. Henry Davis, Esq., was appointed the representative of this Association, to co-operate with the officers in this effort. Excellent and tasteful exhibits, though not by the Association, have been made at the Exposition, now in eminently successful progress, but it is to be regretted that so few packers saw fit to participate in the display.

The past year has been the only one in five in which there has been no death in the membership of the Association. In the hope that the approaching year may be equally favorable in all respects, this report is respectfully submitted.

In behalf of the Board of Directors,

SIDNEY D. MAXWELL, *Secretary.*

Table showing, for two years, the monthly receipts and shipments of hogs, cattle and sheep, respectively, at the United Railroads Stock Yards, together with the annual movement at the yards, for six years :

| MONTHS. | HOGS. | | | | CATTLE. | | | | SHEEP. | | | |
|--------------------|-----------|---------|------------|---------|-----------|---------|------------|---------|-----------|---------|------------|---------|
| | Receipts. | | Shipments. | | Receipts. | | Shipments. | | Receipts. | | Shipments. | |
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September..... | 33,152 | 24,301 | 15,298 | 13,236 | 18,927 | 12,628 | 8,715 | 4,923 | 18,666 | 11,162 | 9,117 | 4,202 |
| October..... | 75,927 | 42,116 | 31,248 | 16,635 | 20,013 | 17,385 | 8,521 | 6,645 | 19,977 | 15,093 | 10,651 | 6,251 |
| November..... | 188,204 | 100,558 | 40,080 | 8,979 | 15,721 | 13,202 | 7,383 | 5,044 | 19,998 | 10,419 | 11,379 | 5,689 |
| December..... | 220,712 | 153,515 | 23,382 | 9,338 | 18,875 | 10,398 | 6,841 | 4,099 | 17,960 | 8,611 | 13,302 | 5,886 |
| January..... | 132,075 | 186,423 | 18,236 | 4,133 | 9,331 | 9,700 | 3,203 | 2,758 | 7,076 | 9,729 | 5,002 | 7,219 |
| February..... | 38,335 | 62,509 | 12,158 | 13,975 | 8,354 | 8,240 | 1,782 | 2,255 | 5,658 | 5,312 | 1,819 | 1,744 |
| March..... | 35,022 | 31,764 | 10,861 | 16,084 | 9,016 | 9,302 | 2,251 | 2,683 | 3,226 | 4,980 | 456 | 2,835 |
| April..... | 33,087 | 42,087 | 11,741 | 22,240 | 10,431 | 10,193 | 3,012 | 2,708 | 4,980 | 6,550 | 1,431 | 3,725 |
| May..... | 45,871 | 49,546 | 15,121 | 25,639 | 14,759 | 13,240 | 7,579 | 5,110 | 25,171 | 39,707 | 18,342 | 30,414 |
| June..... | 37,410 | 39,779 | 9,493 | 20,837 | 13,205 | 11,508 | 4,937 | 5,203 | 71,311 | 63,261 | 60,140 | 55,103 |
| July..... | 26,267 | 30,952 | 9,787 | 14,120 | 13,962 | 12,552 | 5,734 | 4,652 | 90,693 | 65,732 | 77,758 | 67,486 |
| August..... | 26,574 | 30,363 | 11,051 | 9,937 | 11,275 | 13,955 | 3,916 | 6,827 | 44,181 | 38,471 | 34,665 | 26,519 |
| Total 1878-79..... | 592,686 | ..... | 208,406 | ..... | 156,869 | ..... | 63,824 | ..... | 328,897 | ..... | 244,152 | ..... |
| " 1877-78..... | 793,863 | ..... | 175,103 | ..... | 142,851 | ..... | 52,902 | ..... | 274,027 | ..... | 207,103 | ..... |
| " 1876-77..... | 633,749 | ..... | 143,650 | ..... | 139,781 | ..... | 63,439 | ..... | 172,084 | ..... | 123,235 | ..... |
| " 1875-76..... | 680,382 | ..... | 144,205 | ..... | 144,600 | ..... | 52,308 | ..... | 180,389 | ..... | 127,962 | ..... |
| " 1874-75..... | 725,162 | ..... | 130,012 | ..... | 133,695 | ..... | 44,837 | ..... | 159,302 | ..... | 91,121 | ..... |
| " 1873-74..... | 873,263 | ..... | 259,397 | ..... | 112,393 | ..... | 30,546 | ..... | 139,280 | ..... | 83,894 | ..... |

Table showing the average monthly gross weight of hogs, cattle and sheep weighed at the United Railroads Stock Yards, for two years, with the annual average weight for six years :

| MONTHS. | HOGS. | | CATTLE. | | SHEEP. | |
|--------------------------|---------|---------|----------|----------|---------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September..... | 227.54 | 224.07 | 988.22 | 896.79 | 89.57 | 77.56 |
| October..... | 225.13 | 237.58 | 913.97 | 956.3 | 91.47 | 82.1 |
| November..... | 249 | 270.14 | 1,028.58 | 960.92 | 97.69 | 87.83 |
| December..... | 271.79 | 282.22 | 1,054.15 | 994.66 | 99.65 | 97.4 |
| January..... | 255.67 | 292.8 | 1,043.87 | 1,001.91 | 98.59 | 93.97 |
| February..... | 220.83 | 268.53 | 1,004.65 | 1,020.54 | 99.23 | 86.67 |
| March..... | 198.24 | 222.46 | 1,005.10 | 1,007 | 98.04 | 88.5 |
| April..... | 196.52 | 205.47 | 1,006.15 | 998.73 | 86.78 | 88.33 |
| May..... | 198.68 | 213.29 | 954.13 | 981.77 | 72.65 | 68.09 |
| June..... | 209.21 | 220.04 | 937.59 | 965.26 | 72.35 | 69.5 |
| July..... | 228.76 | 213.38 | 956.87 | 976.39 | 73.96 | 68.1 |
| August..... | 220.47 | 207.26 | 979.32 | 961.66 | 79.84 | 78.78 |
| Average for 1878-79..... | 242.77 | ..... | 986.46 | ..... | 82.99 | ..... |
| " 1877-78..... | 260.26 | ..... | 974.3 | ..... | 75.98 | ..... |
| " 1876-77..... | 257.58 | ..... | 949.08 | ..... | 75.23 | ..... |
| " 1875-76..... | 251.9 | ..... | 965.24 | ..... | 79.42 | ..... |
| " 1874-75..... | 255.14 | ..... | 944.63 | ..... | 81.04 | ..... |
| " 1873-74..... | 248.34 | ..... | 952.22 | ..... | 80.93 | ..... |

Table showing the number of hogs, cattle and sheep weighed monthly, for two years, at the United Railroads Stock Yards, with the aggregate gross weight of the same, together with the aggregate number and gross weight for six years. The discrepancy between the receipts and the number weighed is explained by the fact that the receipts embrace hogs both weighed and not weighed at the yards:

| MONTHS. | HOGS. | | | CATTLE. | | | SHEEP. | | |
|--------------------|---------|---------|-------------|---------|---------|-------------|---------|---------|------------|
| | Number. | | Weight. | Number. | | Weight. | Number. | | Weight. |
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 |
| September..... | 29,422 | 23,562 | 6,695,800 | 11,957 | 8,099 | 11,816,285 | 14,876 | 7,597 | 1,332,555 |
| October..... | 73,308 | 40,346 | 16,503,960 | 13,771 | 10,945 | 12,586,330 | 16,962 | 9,511 | 1,553,460 |
| November..... | 184,075 | 101,956 | 45,837,770 | 11,063 | 9,051 | 11,323,965 | 13,367 | 8,616 | 1,303,930 |
| December..... | 221,968 | 155,912 | 60,330,495 | 10,858 | 6,845 | 11,446,060 | 9,049 | 3,671 | 901,790 |
| January..... | 129,073 | 182,075 | 33,153,945 | 7,413 | 7,123 | 7,738,245 | 6,559 | 3,968 | 646,705 |
| February..... | 33,896 | 64,189 | 7,483,280 | 6,775 | 6,938 | 6,807,925 | 5,146 | 4,653 | 510,680 |
| March..... | 31,037 | 80,108 | 6,152,980 | 6,380 | 6,561 | 6,412,550 | 3,415 | 3,802 | 334,810 |
| April..... | 31,926 | 86,110 | 6,274,380 | 6,051 | 7,147 | 6,082,190 | 4,677 | 4,984 | 406,965 |
| May..... | 42,407 | 37,496 | 8,425,960 | 6,464 | 7,514 | 6,186,620 | 13,127 | 18,526 | 953,705 |
| June..... | 34,442 | 34,258 | 7,205,800 | 7,585 | 6,559 | 7,111,600 | 29,209 | 25,409 | 2,113,480 |
| July..... | 24,269 | 28,637 | 5,551,790 | 10,275 | 8,914 | 9,831,855 | 35,617 | 29,087 | 2,683,960 |
| August..... | 24,993 | 28,735 | 5,510,625 | 9,016 | 9,379 | 8,829,585 | 23,915 | 18,005 | 1,909,515 |
| Total 1878-79..... | 861,406 | 561,406 | 209,126,735 | 107,629 | ..... | 106,172,740 | 175,989 | ..... | 14,602,465 |
| " 1877-78..... | 763,434 | ..... | 198,693,725 | 95,115 | ..... | 92,670,762 | 137,658 | ..... | 10,460,160 |
| " 1876-77..... | 625,596 | ..... | 161,146,155 | 93,294 | ..... | 93,481,360 | 70,256 | ..... | 5,496,125 |
| " 1875-76..... | 672,055 | ..... | 169,350,795 | 94,784 | ..... | 91,490,035 | 77,121 | ..... | 6,125,575 |
| " 1874-75..... | 705,637 | ..... | 180,042,495 | 81,353 | ..... | 86,295,005 | 100,137 | ..... | 8,115,895 |
| " 1873-74..... | 773,780 | ..... | 192,167,190 | 85,685 | ..... | 81,600,612 | 65,786 | ..... | 5,824,079 |

Weekly foreign exports of the hog product from seven seaboard Atlantic ports, for three years, ending each year November 1st, prepared from the reports of E. H. Walker, Esq., Statistician, N. Y. Produce Exchange:

| DATES. | 1878-79 | | | 1877-78 | | | 1876-77 | | |
|-------------|-------------|------------|-------------|-------------|------------|-------------|-------------|------------|-------------|
| | Pork, bbls. | Lard, lbs. | Meats, lbs. | Pork, bbls. | Lard, lbs. | Meats, lbs. | Pork, bbls. | Lard, lbs. | Meats, lbs. |
| November 2 | 7,083 | 5,657,826 | 7,544,535 | 3,144 | 4,458,493 | 5,235,323 | 8,403 | 3,175,481 | 3,408,663 |
| 3 | 7,062 | 4,286,878 | 10,348,473 | 4,352 | 4,120,071 | 5,091,977 | 4,776 | 3,478,411 | 10,418,622 |
| 10 | 7,069 | 3,920,307 | 11,810,385 | 5,486 | 2,843,829 | 6,030,079 | 5,697 | 3,697,074 | 11,483,564 |
| 20 | 7,121 | 6,441,231 | 11,814,931 | 4,309 | 5,480,998 | 10,323,644 | 5,063 | 4,813,923 | 11,482,574 |
| December 1 | 7,123 | 6,802,044 | 13,628,188 | 6,811 | 4,630,998 | 10,811,191 | 4,834 | 4,834,952 | 11,482,574 |
| 17 | 7,123 | 7,322,516 | 20,342,109 | 5,080 | 5,014,739 | 11,873,111 | 8,849 | 7,714,846 | 13,984,044 |
| 24 | 7,091 | 10,991,656 | 18,868,229 | 4,339 | 8,004,210 | 7,684,685 | 7,984 | 5,223,444 | 13,984,044 |
| 28 | 7,053 | 8,006,235 | 19,036,361 | 5,361 | 8,354,218 | 17,789,939 | 7,989 | 4,659,697 | 13,984,044 |
| January 4 | 7,051 | 6,064,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 11 | 7,051 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 18 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 25 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| February 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| March 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| April 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| May 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| June 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| July 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| August 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| September 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| October 1 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 8 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 15 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |
| 22 | 7,053 | 5,068,414 | 19,595,017 | 3,885 | 10,354,218 | 19,108,271 | 7,087 | 4,659,697 | 13,984,044 |

PORK PACKING IN THE WEST.

Table showing, for the two past winter seasons, the number of hogs packed in the various packing points of the West, that packed, in either season, 5,000 hogs and over. The blanks indicate either that the number was under 5,000, or that none was packed. The figures for both seasons are those of the *Cincinnati Price Current*:

OHIO.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|------------------|---------|---------|-----------------------|---------|---------|
| Chillicothe..... | 5,400 | 8,415 | Ripley..... | | 5,000 |
| Circleville..... | 11,856 | 18,554 | Sidney..... | 6,000 | 6,000 |
| Cleveland..... | 158,097 | 107,762 | Spring Valley..... | 5,057 | |
| Cincinnati..... | 623,584 | 612,302 | Toledo..... | 16,500 | 19,728 |
| Dayton..... | 11,500 | 9,000 | Washington C. H..... | | 19,850 |
| Fremont..... | 5,319 | | Wilmington..... | | 5,000 |
| Hamilton..... | 8,415 | 6,000 | Xenia..... | 19,846 | 19,792 |
| Kenton..... | 6,100 | 5,000 | All other points..... | 43,125 | 50,129 |
| Lima..... | 5,804 | 7,750 | | | |
| Minster..... | | 6,000 | Total..... | 932,878 | 934,132 |
| New Bremen..... | 6,275 | 7,750 | | | |

ILLINOIS.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|---------------------|-----------|-----------|-----------------------|-----------|-----------|
| Barry..... | | 8,000 | Peoria..... | 65,000 | 41,500 |
| Bloomington..... | 16,000 | 7,000 | Pekin..... | 15,000 | 5,214 |
| Canton..... | 5,259 | 7,500 | Quincy..... | 45,500 | 40,040 |
| Charleston..... | 5,000 | | Rock Island..... | 5,879 | 5,400 |
| Chicago..... | 2,943,115 | 2,501,285 | Springfield..... | 23,076 | 10,500 |
| Decatur..... | | 5,500 | All other points..... | 45,848 | 49,809 |
| Galena..... | 29,000 | 33,000 | | | |
| Iacon..... | 10,089 | | Total..... | 3,214,896 | 2,714,748 |
| Mount Sterling..... | 6,130 | | | | |

INDIANA.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|-------------------|---------|---------|-----------------------|---------|---------|
| Columbus..... | 18,181 | 9,179 | Muncie..... | 10,271 | 16,461 |
| Evansville..... | 18,100 | 12,500 | New Castle..... | 25,230 | 20,980 |
| Fort Wayne..... | 18,380 | 5,000 | Richmond..... | 21,100 | 23,923 |
| Franklin..... | | 17,029 | Terre Haute..... | 6,700 | 14,337 |
| Greensburg..... | | 10,340 | Vincennes..... | 8,500 | |
| Hagerstown..... | 13,500 | 14,200 | Wabash..... | 11,520 | |
| Indianapolis..... | 472,455 | 270,150 | All other points..... | 37,384 | 48,115 |
| Lafayette..... | | 7,100 | | | |
| Marion..... | 9,000 | 17,711 | Total..... | 682,321 | 496,025 |
| Martinsville..... | 12,000 | 9,000 | | | |

IOWA.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|---------------------|---------|---------|-----------------------|---------|---------|
| Atlantic..... | 16,500 | | Muscatine..... | 7,500 | 5,000 |
| Burlington..... | 8,260 | | Ottumwa..... | 54,199 | 21,967 |
| Cedar Rapids..... | 141,083 | 125,360 | Sabula..... | 59,232 | 40,376 |
| Council Bluffs..... | 30,000 | 40,000 | Sioux City..... | 22,900 | 12,045 |
| Davenport..... | 16,500 | 12,350 | Waterloo..... | | 5,500 |
| Decorah..... | | 9,600 | All other points..... | 9,309 | 14,078 |
| Des Moines..... | 101,500 | 80,165 | | | |
| Dubuque..... | 68,420 | 70,000 | Total..... | 569,703 | 486,850 |
| Keokuk..... | 34,300 | 50,409 | | | |

KANSAS.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|-------------------|---------|---------|-----------------------|---------|---------|
| Atchison..... | 98,000 | ..... | All other points..... | 8,746 | 6,750 |
| Lawrence..... | 6,500 | 10,420 | Total..... | 132,346 | 41,470 |
| Leavenworth | 19,100 | 24,300 | | | |

KENTUCKY.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|--------------------|---------|---------|-----------------------|---------|---------|
| Bowling Green..... | ..... | 14,380 | All other points..... | 24,906 | 9,903 |
| Louisville..... | 187,506 | 279,414 | Total..... | 212,412 | 318,301 |
| Lexington..... | ..... | 8,250 | | | |
| Maysville..... | ..... | 6,854 | | | |

MICHIGAN.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|-------------------|---------|---------|-----------------------|---------|---------|
| Detroit..... | 106,941 | 83,762 | All other points..... | 21,033 | 25,838 |
| East Saginaw..... | ..... | 5,300 | Total..... | 182,976 | 120,095 |
| Grand Rapids..... | 5,000 | 5,000 | | | |

MINNESOTA.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|---------------|---------|---------|-----------------------|---------|---------|
| St. Paul..... | 12,000 | 11,000 | All other points..... | 6,450 | 12,700 |
| | | | Total..... | 18,450 | 23,700 |

MISSOURI.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|---------------------|---------|---------|-----------------------|---------|---------|
| Canton..... | 6,000 | ..... | St. Joseph..... | 65,000 | 67,320 |
| Hannibal | 10,800 | 7,500 | All other points..... | 30,778 | 26,910 |
| Jefferson City..... | ..... | 5,000 | Total..... | 965,829 | 804,614 |
| Kansas City..... | 224,000 | 188,344 | | | |
| St. Louis..... | 629,261 | 509,540 | | | |

NEBRASKA.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|------------|---------|---------|-----------------------|---------|---------|
| Omaha..... | 74,658 | 54,000 | All other points..... | 6,000 | 2,000 |
| | | | Total..... | 80,658 | 56,000 |

TENNESSEE.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|------------------|---------|---------|-----------------------|---------|---------|
| Nashville | 21,800 | 34,758 | All other points..... | 18,701 | 19,539 |
| Shelbyville..... | | 12,600 | Total..... | 40,561 | 66,897 |

WEST VIRGINIA.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|----------------|---------|---------|-----------------------|---------|---------|
| Wheeling | 8,500 | 12,000 | All other points..... | 2,000 | 2,000 |
| | | | Total..... | 10,500 | 14,000 |

WISCONSIN.

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|----------------|---------|---------|-----------------------|---------|---------|
| Jefferson..... | | 5,000 | All other points..... | 21,687 | 25,312 |
| La Crosse..... | | 10,320 | Total..... | 472,108 | 412,614 |
| Milwaukee..... | 444,221 | 371,982 | | | |

MISCELLANEOUS.

| | 1878-79 | 1877-78 |
|---------------------|---------|---------|
| Pittsburgh, Pa..... | 10,000 | 18,000 |
| Atlanta, Ga..... | 5,000 | 3,000 |
| Total..... | 15,000 | 16,000 |

PORK PACKING IN THE SIX PRINCIPAL CITIES.

Table showing the number of hogs packed in the six principal cities in the West, together with the average gross weight and yield of lard of all kinds and gross price for three winter seasons:

| CITIES. | NUMBER OF HOGS. | | | AVERAGE GROSS WEIGHT. | | | AVERAGE YIELD OF LARD, ALL KINDS. | | | AVERAGE COST PER 100 LBS. GROSS. | | |
|-------------------|-----------------|-----------|-----------|-----------------------|---------|---------|-----------------------------------|---------|---------|----------------------------------|-----------|-----------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| Cincinnati..... | 623,584 | 632,302 | 523,376 | 270.57 | 281.06 | 274.71 | 36.84 | 40.96 | 38.2 | \$2.84 | \$4.19.83 | \$3.90.18 |
| Chicago | 2,943,115 | 2,501,285 | 1,618,084 | 281.43 | 285.46 | 269.96 | 44.44 | 39.6 | 35.1 | 3.05 | 4.12 | 6.00 |
| St. Louis..... | 629,261 | 508,540 | 414,747 | 264 | 276.02 | 258.02 | 40.45 | 38.2 | 32.55 | 2.83 | 3.96 | 5.70 |
| Indianapolis..... | 472,455 | 270,150 | 294,198 | 225.68 | 244.29 | 225.12 | 26.5 | 32.05 | 26.5 | 2.86 | 3.94 | 5.84 |
| Milwaukee..... | 444,221 | 371,982 | 225,398 | 273.46 | 290.9 | 277.16 | 36.77 | 39.81 | 30.25 | 2.80 | 3.90 | 5.80 |
| Louisville..... | 187,506 | 279,414 | 214,862 | 258.96 | 278.61 | 276.4 | 32.47 | 34.83 | 32.62 | 2.75 | 4.35 | 5.64 |
| Total | 5,300,142 | 4,564,673 | 3,291,065 | 271.7 | 281.18 | 266.38 | 40.41 | 38.91 | 34 | ..... | ..... | ..... |

COMPARATIVE TABLE BY STATES.

The following table exhibits, by States, for the seasons of 1878-79 and 1877-78, respectively, the number of hogs packed between November 1st and March 1st, the average gross and net weight, average yield per head of lard of all kinds, total product of lard, the average prices paid per hundred pounds gross and net, the aggregate cost, together with the grand aggregates and general averages of the West, in a period of nine years. The table has been prepared from the reports of the *Cincinnati Price Current* for 1878-79, 1877-78 and 1876-77, and from the reports of the Superintendent of the Cincinnati Merchants' Exchange for previous years, the gross averages for the past two years having been reached by the usual allowance of twenty per cent. as the difference between the gross and net averages:

| STATES. | NUMBER OF HOGS. | WEIGHT. | | LARD. | | PRICE. | | | |
|---------------------|------------------|-----------------------|---------------------|--|-----------------------------|------------------------------------|-----------------|----------------------------------|---------------|
| | | Average Gross Weight. | Average Net Weight. | Average yield per head of all kinds of lard. | Total product of Lard, lbs. | Average price per 100 lbs., gross. | | Average price per 100 lbs., net. | |
| | | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| Ohio..... | 192,879 | 263.08 | 273.81 | 39 | 32,736,541 | \$2.91 | \$4.12 | \$3.63 | \$5.15 |
| Illinois..... | 3,214,896 | 282.13 | 255.71 | 38.73 | 141,449,103 | 2.99 | 4.08 | 3.74 | 5.10 |
| Indiana..... | 682,321 | 242.25 | 193.40 | 34.42 | 19,831,657 | 2.74 | 3.95 | 3.42 | 4.93 |
| Iowa..... | 589,703 | 261.97 | 211.98 | 37.73 | 21,498,898 | 2.51 | 3.58 | 3.14 | 4.48 |
| Kansas..... | 182,346 | 276.42 | 221.14 | 42.2 | 5,222,000 | 2.63 | 3.49 | 3.29 | 4.36 |
| Kentucky..... | 318,301 | 262.63 | 210.11 | 34.67 | 6,859,100 | 2.68 | 4.28 | 3.86 | 5.35 |
| Michigan..... | 132,976 | 263.36 | 228.72 | 32.29 | 4,335,714 | 2.69 | 4.28 | 3.37 | 4.83 |
| Minnesota..... | 18,150 | 238.86 | 201.1 | 32.6 | 4,436,078 | 2.87 | 3.54 | 2.98 | 4.42 |
| Missouri..... | 804,614 | 264.65 | 219.74 | 44.11 | 39,434,838 | 2.72 | 3.86 | 3.40 | 4.82 |
| Nebraska..... | 89,638 | 274.67 | 213.32 | 39.12 | 3,572,110 | 2.51 | 3.52 | 3.14 | 4.40 |
| Nevada..... | 66,099 | 298.77 | 232.28 | 44.29 | 1,536,441 | 2.53 | 4.32 | 3.17 | 5.08 |
| Norfolk..... | 40,861 | 261.86 | 209.49 | 31.58 | 2,112,993 | 2.77 | 3.86 | 3.47 | 4.83 |
| Tennessee..... | 260,81 | 260.81 | 236.51 | 36.22 | 16,148,375 | 2.92 | 4.25 | 3.66 | 5.31 |
| West Virginia..... | 10,509 | 256.61 | 215.33 | 31.37 | 973,801 | 2.92 | 4.25 | 3.66 | 5.31 |
| Wisconsin..... | 472,108 | 260.16 | 220.81 | 32.46 | 800,000 | 2.92 | 4.25 | 3.66 | 5.31 |
| Pittsburgh, Pa..... | 14,800 | 260.16 | 220.81 | 32.46 | 800,000 | 2.92 | 4.25 | 3.66 | 5.31 |
| Atlanta, Ga..... | 3,000 | 260.16 | 220.81 | 32.46 | 800,000 | 2.92 | 4.25 | 3.66 | 5.31 |
| GRAND TOTALS | 7,490,648 | 271.42 | 226.04 | 39.4 | 294,753,338 | \$2.84.8 | \$3.99.2 | \$3.56 | \$4.99 |
| 1878-79..... | 7,490,648 | 271.42 | 226.04 | 39.4 | 294,753,338 | 2.84.8 | 3.99.2 | 3.56 | 4.99 |
| 1877-78..... | 6,505,446 | 282.55 | 217.14 | 38.61 | 251,198,500 | 3.99.2 | 5.31 | 4.99 | 7.18 |
| 1876-77..... | 5,101,308 | 282.55 | 217.14 | 38.61 | 178,877,890 | 3.99.2 | 5.31 | 4.99 | 7.18 |
| 1875-76..... | 4,850,192 | 272.61 | 215.92 | 34.06 | 174,803,333 | 6.65.69 | 7.06.56 | 6.65.69 | 7.06.56 |
| 1874-75..... | 5,537,124 | 282.47 | 215.92 | 34.93 | 195,423,170 | 3.78.54 | 4.38.75 | 3.78.54 | 4.38.75 |
| 1873-74..... | 5,383,810 | 283.26 | 215.92 | 35.50 | 191,199,000 | 3.78.54 | 4.38.75 | 3.78.54 | 4.38.75 |
| 1872-73..... | 5,496,004 | 289.51 | 215.92 | 40.07 | 219,655,283 | 4.13.56 | 6.34.17 | 4.13.56 | 6.34.17 |
| 1871-72..... | 4,732,403 | 282.2 | 215.92 | 38.58 | 184,532,627 | 6.34.17 | 7.06.56 | 6.34.17 | 7.06.56 |
| 1870-71..... | 3,623,404 | 285.12 | 215.92 | 37.71 | 136,653,181 | 6.34.17 | 7.06.56 | 6.34.17 | 7.06.56 |
| GRAND TOTALS | 7,490,648 | 271.42 | 226.04 | 39.4 | 294,753,338 | \$2.84.8 | \$3.99.2 | \$3.56 | \$4.99 |
| 1878-79..... | 7,490,648 | 271.42 | 226.04 | 39.4 | 294,753,338 | 2.84.8 | 3.99.2 | 3.56 | 4.99 |
| 1877-78..... | 6,505,446 | 282.55 | 217.14 | 38.61 | 251,198,500 | 3.99.2 | 5.31 | 4.99 | 7.18 |
| 1876-77..... | 5,101,308 | 282.55 | 217.14 | 38.61 | 178,877,890 | 3.99.2 | 5.31 | 4.99 | 7.18 |
| 1875-76..... | 4,850,192 | 272.61 | 215.92 | 34.06 | 174,803,333 | 6.65.69 | 7.06.56 | 6.65.69 | 7.06.56 |
| 1874-75..... | 5,537,124 | 282.47 | 215.92 | 34.93 | 195,423,170 | 3.78.54 | 4.38.75 | 3.78.54 | 4.38.75 |
| 1873-74..... | 5,383,810 | 283.26 | 215.92 | 35.50 | 191,199,000 | 3.78.54 | 4.38.75 | 3.78.54 | 4.38.75 |
| 1872-73..... | 5,496,004 | 289.51 | 215.92 | 40.07 | 219,655,283 | 4.13.56 | 6.34.17 | 4.13.56 | 6.34.17 |
| 1871-72..... | 4,732,403 | 282.2 | 215.92 | 38.58 | 184,532,627 | 6.34.17 | 7.06.56 | 6.34.17 | 7.06.56 |
| 1870-71..... | 3,623,404 | 285.12 | 215.92 | 37.71 | 136,653,181 | 6.34.17 | 7.06.56 | 6.34.17 | 7.06.56 |

* Table showing the number of barrels of pork manufactured in the West for seven consecutive winter seasons :

| KINDS. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 | 1872-73 |
|------------------|---------|---------|---------|---------|---------|---------|---------|
| Mess..... | 429,390 | 623,662 | 488,760 | 403,674 | 504,843 | 423,567 | 345,940 |
| Prime mess..... | 90,187 | 32,686 | 57,771 | 43,222 | 46,854 | 47,221 | 81,602 |
| Extra prime..... | 13,437 | 21,377 | 48,241 | 19,297 | ↑..... | ↑..... | ↑..... |
| Clear..... | 11,910 | 15,681 | 11,310 | 9,340 | 15,640 | 7,586 | 9,220 |
| Rump..... | 8,040 | 9,448 | 11,645 | 13,052 | 14,656 | 17,839 | 16,963 |
| Other kinds..... | 30,004 | 20,514 | 19,491 | 21,541 | ↑..... | ↑..... | ↑..... |
| Total..... | 523,568 | 723,308 | 637,267 | 510,126 | 581,991 | 496,213 | 403,725 |

* The figures for 1878-79, 1877-78 and 1876-77 are those of the *Cincinnati Price Current*. Prior to this, of the Superintendent of the Cincinnati Merchants' Exchange.

*SUMMER PACKING IN THE WEST.

Table showing the number of hogs packed in the West, between March 1 and November 1, with the average gross weight and aggregate gross weight for six consecutive seasons, and average and aggregate yield of lard from 1876 to 1878, inclusive :

| PLACES. | NUMBER OF HEAD PACKED. | | | | | |
|--|------------------------|-------------|-------------|-------------|-------------|-------------|
| | 1878 | 1877 | 1876 | 1875 | 1874 | 1873 |
| Ohio— | | | | | | |
| Cincinnati..... | 154,517 | 134,416 | 121,173 | 118,788 | 136,153 | 88,395 |
| Cleveland..... | 229,385 | 146,048 | 187,392 | 93,798 | 121,374 | 92,887 |
| Dayton..... | 8,000 | 4,000 | ..... | 4,000 | 4,800 | 3,600 |
| Toledo..... | 5,783 | 4,971 | ..... | 2,400 | 1,571 | ..... |
| Illinois— | | | | | | |
| Canton..... | ..... | 2,750 | 6,837 | ..... | ..... | 4,000 |
| Chicago..... | 2,017,841 | 1,308,026 | 1,815,402 | 728,781 | 446,368 | 306,336 |
| Indiana— | | | | | | |
| Indianapolis..... | 312,224 | 204,264 | 283,621 | 89,162 | 204,426 | 259,568 |
| Iowa— | | | | | | |
| Cedar Rapids..... | 195,200 | 110,190 | 105,580 | 72,133 | 73,839 | 41,187 |
| Des Moines..... | 12,027 | 34,503 | 28,609 | ..... | ..... | ..... |
| Keokuk..... | ..... | 16,000 | ..... | ..... | 800 | 46,294 |
| Sabula..... | 20,220 | 3,437 | 263 | 804 | ..... | ..... |
| Sioux City..... | 14,000 | ..... | ..... | ..... | ..... | ..... |
| Waterloo..... | ..... | 15,000 | 6,750 | ..... | ..... | ..... |
| Kentucky— | | | | | | |
| Louisville..... | 25,000 | 19,860 | 9,500 | ..... | ..... | ..... |
| Michigan— | | | | | | |
| Detroit..... | 30,302 | 34,028 | 24,000 | 6,539 | 10,606 | 13,500 |
| Missouri— | | | | | | |
| St. Louis..... | 142,000 | 148,277 | 131,158 | 102,424 | 150,962 | 132,155 |
| Kansas City..... | 99,517 | 77,821 | 16,754 | ..... | 5,000 | 10,000 |
| Wisconsin— | | | | | | |
| Milwaukee..... | 107,058 | 54,785 | 60,827 | 2,632 | ..... | ..... |
| Other Points..... | 4,973 | 24,844 | 10,000 | 7,450 | 11,760 | 39,684 |
| Total number packed..... | 3,378,044 | 2,543,120 | 2,307,866 | 1,228,406 | 1,167,659 | 1,038,106 |
| Average gross weight, lbs..... | 233.79 | 238.21 | 230.12 | 221.44 | 207.01 | 229.15 |
| Aggregate "..... | 789,759,662 | 605,816,839 | 531,099,125 | 272,026,373 | 241,717,922 | 237,887,889 |
| Average yield of lard, all kinds, lbs. | 33.73 | 33.56 | 30.35 | ..... | ..... | ..... |
| Aggregate "..... | 113,949,500 | 85,364,176 | 70,040,980 | ..... | ..... | ..... |

* The figures for 1878, 1877 and 1876 are those of the *Cincinnati Price Current*. Prior to this, of the Superintendent of the Cincinnati Merchants' Exchange.

RECEIPTS OF HOGS AT THE SEA-BOARD CITIES.

The following table shows the number of hogs received at the four cities of New York, Boston, Philadelphia and Baltimore, during the past two years, the seasons being divided to conform to the winter and summer packing of the West:

| SUMMER. | March 1 to November 1, 1878. | March 1 to November 1, 1877. | WINTER. | November 1 to March 1, 1878-79. | November 1 to March 1, 1877-78. |
|------------------------|------------------------------------|------------------------------------|------------------------|---------------------------------------|---------------------------------------|
| New York—Live..... | 1,045,332 | 774,157 | New York—Live..... | 776,317 | 636,127 |
| "Dressed..... | 3,334 | 17,785 | "Dressed..... | £3,401 | 33,229 |
| Total..... | 1,048,666 | 791,942 | Total..... | 829,718 | 674,356 |
| Increase..... | 256,724 | ..... | Increase..... | 155,362 | ..... |
| Boston—Live..... | 314,861 | 213,634 | Boston—Live..... | 200,848 | 141,933 |
| "Dressed..... | 411 | 9,565 | "Dressed..... | 19,531 | 27,907 |
| Total..... | 315,272 | 223,199 | Total..... | 220,379 | 169,840 |
| Increase..... | 92,073 | ..... | Increase..... | 50,539 | ..... |
| Philadelphia—Live..... | 215,820 | 210,750 | Philadelphia—Live..... | 114,910 | 93,600 |
| "Dressed..... | 26,342 | 22,400 | "Dressed..... | 48,660 | 37,250 |
| Total..... | 242,162 | 233,150 | Total..... | 163,570 | 130,850 |
| Increase..... | 9,012 | ..... | Increase..... | 32,720 | ..... |
| Baltimore—Live..... | 231,816 | 196,108 | Baltimore—Live..... | 140,328 | 128,916 |
| "Dressed..... | 2,500 | 5,000 | "Dressed..... | 27,500 | 25,000 |
| Total..... | 234,316 | 201,107 | Total..... | 167,828 | 153,916 |
| Increase..... | 33,209 | ..... | Increase..... | 13,912 | ..... |

Table showing the total comparative aggregate receipts at the four sea-board cities of New York, Boston, Philadelphia and Baltimore, for the two years respectively:

| SUMMER. | WINTER. |
|---------------|---------------|
| 1878..... | 1878-79..... |
| 1877..... | 1877-78..... |
| Increase..... | Increase..... |
| 1,840,416 | 1,881,495 |
| 1,449,398 | 1,128,962 |
| 891,018 | 252,533 |

Table showing the aggregate business of the West and the sea-board for two years:

| WINTER. | 1878-79 | 1877-78 | SUMMER. | 1878 | 1877 |
|--------------------------------|-----------|-----------|--------------------------------|-----------|-----------|
| Packing in the West, hogs..... | 7,480,648 | 6,508,446 | Packing in the West, hogs..... | 3,378,044 | 2,548,120 |
| Receipts at the sea-board..... | 1,381,495 | 1,128,962 | Receipts at the sea-board..... | 1,840,416 | 1,499,398 |
| Total..... | 8,862,143 | 7,634,408 | Total..... | 5,218,460 | 3,992,518 |
| Total increase..... | 1,227,735 | ..... | Total increase..... | 1,225,942 | ..... |

Total business in the West and four sea-board cities for year ending March 1, 1879, hogs..... 14,080,603
March 1, 1878, 11,626,926

Increase, hogs..... 2,453,677

The packing on the Pacific coast, for the winter season of 1878-79, was 175,000 hogs, compared with 110,000 in 1877-78, and in Canada 115,775 hogs, compared with 151,781, and in the summer season of 1878 on the Pacific coast 225,000 hogs, in comparison with 200,000, and in Canada 8,579 hogs, compared with 12,957.

POTATOES.

The business done here in potatoes in the past year was the largest since 1875-76. The crop in this vicinity, in 1878, was not as large as in the preceding year, but our market was abundantly supplied from Michigan and Northern Ohio with good potatoes. Large shipments were made in the earlier months to the East, to supply the deficiency in that direction, which accounts for the largely increased outward movement. The crop of 1879, both here and elsewhere, promises the greatest abundance throughout the year. The summer potatoes were fine in quality, though early they were not plenty. At the opening of the commercial year prices were very low, good potatoes selling at 75c. @ \$1 00 per barrel of $2\frac{3}{4}$ bushels. There was a steady advance followed until midwinter, when the same grade were quoted at \$1 60 @ 1 95. New potatoes made their appearance in May of 1878-79 at \$2 50 @ 4 00 per barrel, but advanced in June, in exceptional cases commanding \$5 00 @ 5 25. By the close of July, however, they were down to the prices of the preceding year, though they were higher in August, the year closing at \$1 25 @ 1 35. The average quotation for the year was \$1 83 per barrel, compared with \$1 44.4 in 1877-78, and \$2 81.8 in 1876-77. The receipts by river, railroad and canal, aggregated 180,209 barrels, compared with 144,808 in 1877-78. These figures, however, do not embrace the large receipts from wagons, which are an unknown quantity. The shipments were 102,541 barrels in 1878-79, compared with 65,589 in the preceding year.

Table showing the quotations for potatoes, at Cincinnati, from store, per barrel, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|
| September 3..... | \$0 75@1 00 | \$1 00@1 25 | \$1 60@1 75 | March 4..... | \$1 75@2 15 | \$0 90@1 35 | \$3 00@4 35 |
| 10..... | 1 00@1 25 | 1 00@1 25 | 1 60@1 75 | 11..... | 1 62@2 15 | 90@1 35 | 3 00@3 25 |
| 17..... | 1 00@1 25 | 1 15@1 35 | 1 75@1 80 | 18..... | 1 62@2 15 | 90@1 35 | 3 20@3 40 |
| 24..... | 1 00@1 25 | 1 25@1 50 | 1 75@1 80 | 25..... | 1 62@2 15 | 90@1 35 | 3 20@3 40 |
| October 1..... | 1 50@1 75 | 1 35@1 50 | 1 90@2 10 | April 1..... | 1 75@2 25 | 90@1 35 | 3 20@3 40 |
| 8..... | 1 50@1 75 | 1 25@1 50 | 1 90@2 10 | 8..... | 1 75@2 25 | 90@1 35 | 3 20@3 40 |
| 15..... | 1 50@1 60 | 1 50 | 1 90@2 10 | 15..... | 1 75@2 00 | 90@1 35 | 3 20@3 40 |
| 22..... | 1 50@1 60 | 1 50 | 1 90@2 10 | 22..... | 1 00@1 10 | 90@1 35 | 3 20@3 40 |
| 29..... | 1 50@1 60 | 1 50 | 1 90@2 10 | 29..... | 85@1 00 | 90@1 35 | 3 20@3 40 |
| November 5..... | 1 50@1 60 | 1 50 | 1 90@2 10 | May 6..... | 80@. 90 | 90@1 35 | 3 20@3 40 |
| 12..... | 1 60@2 00 | 1 50@1 70 | 1 90@2 10 | 13..... | 80@. 90 | †2 50@3 50 | 3 20@3 40 |
| 19..... | 1 60@2 00 | 1 50@1 70 | 1 90@2 10 | 20..... | †2 50@4 00 | 2 50@3 50 | 3 20@3 40 |
| 26..... | 1 60@1 85 | 1 50 | 1 90@2 10 | 27..... | 3 00@4 50 | 2 50@3 50 | †5 00@6 00 |
| December 3..... | 1 60@1 85 | 1 50 | 2 50 | June 3..... | 3 50@4 00 | 2 50@3 50 | 5 50@6 00 |
| 10..... | 1 60@1 85 | 1 50 | 3 20 | 10..... | 5 00@5 25 | 1 25@2 00 | 5 50@6 00 |
| 17..... | 1 60@1 85 | 1 50 | 3 20 | 17..... | 3 00@3 75 | 1 25@2 00 | 6 50@6 75 |
| 24..... | 1 60@1 85 | 1 50 | 3 20 | 24..... | 4 50@4 75 | 1 25@1 75 | 3 00@4 00 |
| 31..... | 1 60@1 90 | 1 50 | 3 15@3 30 | July 1..... | 3 00 | 1 25@1 50 | 3 00@3 50 |
| January 7..... | 1 60@1 90 | 1 35@1 75 | 3 25@3 50 | 8..... | 2 00 | 1 25@1 50 | 1 50@1 75 |
| 14..... | 1 60@1 95 | 1 35@1 75 | 3 25@3 50 | 15..... | 1 50@1 75 | 1 20@1 25 | 1 25 |
| 21..... | 2 00@2 45 | 1 35@1 75 | 3 25@3 50 | 22..... | 1 00@1 25 | 1 00 | 1 50@1 75 |
| 28..... | 2 15@2 45 | 1 35@1 75 | 3 25@3 50 | 29..... | 1 00@1 10 | 1 00@1 25 | 1 00@1 25 |
| February 4..... | 2 15@2 45 | 1 35@1 75 | 3 00@3 25 | August 5..... | 1 00@1 30 | 75@1 00 | 75@. 90 |
| 11..... | 1 62@2 15 | 1 35@1 75 | 3 00@3 25 | 12..... | 1 00@1 25 | 90@1 00 | 75@1 00 |
| 18..... | 2 00@2 15 | 90@1 45 | 3 00@3 25 | 19..... | 1 50@1 65 | 75@1 00 | 1 00@1 25 |
| 25..... | 2 00@2 15 | 90@1 45 | 3 00@3 25 | 26..... | 1 25@1 35 | 75@1 00 | 1 00@1 25 |

*No session of the Chamber.

†New.

Table showing the annual movement of potatoes, at Cincinnati, for thirty-four years :

| DATES. | Receipts, barrels. | Shipments, barrels. | DATES. | Receipts, barrels. | Shipments, barrels. | DATES. | Receipts, barrels. | Shipments, barrels. |
|--------------|-----------------------|------------------------|--------------|-----------------------|------------------------|--------------|-----------------------|------------------------|
| 1845-46..... | 12,707 | 14,956 | 1856-57..... | 46,537 | 25,986 | 1868-69..... | 143,067 | 60,360 |
| 1846-47..... | 15,829 | 34,130 | 1857-58..... | 44,686 | 83,881 | 1869-70..... | 96,386 | 52,952 |
| 1847-48..... | 22,439 | 15,687 | 1858-59..... | 165,300 | 44,097 | 1870-71..... | 186,114 | 32,661 |
| 1848-49..... | 17,269 | 7,073 | 1859-60..... | 206,544 | 97,806 | 1871-72..... | 133,425 | 40,572 |
| 1849-50..... | 13,898 | 5,283 | 1860-61..... | 115,720 | 59,247 | 1872-73..... | 156,558 | 52,141 |
| 1850-51..... | 19,649 | 19,823 | 1861-62..... | 91,458 | 9,255 | 1873-74..... | 167,330 | 37,945 |
| 1851-52..... | 20,739 | 23,844 | 1862-63..... | 140,555 | 49,373 | 1874-75..... | 269,417 | 117,078 |
| 1852-53..... | 15,585 | 13,075 | 1863-64..... | 83,910 | 36,499 | 1875-76..... | 202,094 | 131,850 |
| 1853-54..... | 35,244 | 7,295 | 1864-65..... | 255,067 | 106,905 | 1876-77..... | 172,754 | 93,950 |
| 1854-55..... | 29,082 | 10,399 | 1865-66..... | 297,587 | 85,916 | 1877-78..... | 144,808 | 65,589 |
| 1855-56..... | 33,508 | 26,305 | 1866-67..... | 123,092 | 35,387 | 1878-79..... | 180,209 | 102,541 |
| | | | 1867-68..... | 170,220 | 53,984 | | | |

SALT.

The business in domestic salt has exhibited during the past year the most satisfactory phase in many years. In the report of 1877-78, the utter demoralization which had been experienced in prices, the failure of the manufacturers to come to any understanding between themselves as to the rate, and their disposition to look to a closer bond of union, which might save themselves from the ruin to which they seemed to be steadily gravitating, in the suicidal business policy which they had been pursuing, was alluded to. This general feeling among producers, early in the past year, took definite shape, in the formation, by prominent business men and capitalists here, of the Ohio River and Kanawha Salt Company, which went into operation on the 29th of October, 1878, the object of the company being to buy, sell and transport salt. All the salt furnaces of the Ohio, Kanawha and West Virginia regions entered into a contract with this company, to place at their disposal all their product and to produce no larger quantities than the markets generally would take; leasing to the company all their salt yards, sheds, landings, railroads, etc., which were necessary for the transaction of their business. It required no prophet to see that such an arrangement, in the hands of skillful and trusty men, would solve the whole problem. The company thus controlled all the salt in those great districts, and after a year's work has demonstrated both its value to the producer and its safety to the consumer. The furnaces have all been in operation. They have found themselves in a position of independence, which has enabled them to quietly proceed in developing their resources. Their credit has been strengthened, by which they have been able to purchase their supplies on much more advantageous terms, and the whole situation has exhibited a marked improvement in their affairs. As an indication of the fidelity with which the company has discharged its duty to the consumer as well as to the producer, the prices of salt during the year have borne the most conclusive testimony. Prices have been free from sudden and great fluctuations, and have been low. Prior to the inauguration of this work, Ohio River or Kanawha salt in this market was quoted at 90@95 cents per barrel of 280 pounds. Prices were slowly advanced to \$1 25 per barrel. In February, the price was slightly reduced, and early in April a reduction followed which furnished salt here at \$1 10@1 15 per barrel, which continued without change to the close of the commercial year. The average for the year was \$1 10 9 per barrel of 280 pounds, compared with 98.4 cents in 1877-78, and \$1 23.7 in 1876-77. The business of the salt elevator has materially increased during the year. The demand for bulk salt has been sensibly improved. The opportunity offered to consumers of procuring salt, without the expense of the package, which adds 25 cents to the value of every 280 pounds, has been promptly embraced. Though little more than beyond the bounds of successful experiment, a considerable part

of all the salt now arriving here is both received and disposed of in bulk. The year closes with a more cheerful outlook for the salt men than for many years. With their ruinous contests ended, for the present at least, the generally improved condition of the commercial and financial affairs of the country, and with a wholesome demand for reasonable and even large production, they enter on the new year with cheerful prospects, and while this is true of the producers, the consumers have the promise, predicated both on unquestioned integrity and good business management, that they will not have to pay more than fair prices, which they can well afford to do.

Table showing the prices per barrel of 280 pounds of Ohio River salt, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|------------|---------|-----------|---------------|-------------|-------------|-----------|
| September 3..... | \$0 90@ 95 | \$1 25 | \$1 41 | March 4..... | \$1 20@1 25 | \$0 95@1 00 | \$1 20 |
| 10..... | 90@ 95 | 1 25 | 1 41 | 11..... | 1 20@1 25 | 95@1 00 | 1 20 |
| 17..... | 90@ 95 | 1 05 | 1 41 | 18..... | 1 20@1 25 | 90@ 95 | 1 10 |
| 24..... | 90@ 95 | 1 05 | 1 41 | 25..... | 1 20@1 25 | 90@ 95 | 1 10 |
| October 1..... | 90@ 95 | 1 25 | 1 41 | April 1..... | 1 10@1 15 | 90@ 95 | 1 10 |
| 8..... | 90@ 95 | 1 25 | 1 41 | 8..... | 1 10@1 15 | 90@ 95 | 1 10 |
| 15..... | 90@ 95 | 1 25 | 1 41 | 15..... | 1 10@1 15 | 90@ 95 | 1 10 |
| 22..... | 95@1 00 | 1 25 | 1 41 | 22..... | 1 10@1 15 | 90@ 95 | 1 10 |
| 29..... | 95@1 00 | 1 05 | 1 41 | 29..... | 1 10@1 15 | 90@ 95 | 1 10 |
| November 5..... | 95@1 00 | 1 05 | 1 41 | May 6..... | 1 10@1 15 | 90@ 95 | 1 10 |
| 12..... | 95@1 00 | 1 05 | 1 41 | 13..... | 1 10@1 15 | 90@ 95 | 1 10 |
| 19..... | 95@1 00 | 1 05 | 1 41 | 20..... | 1 10@1 15 | 80@ 85 | 1 05 |
| 26..... | 1 05@1 10 | 1 05 | 1 41 | 27..... | 1 10@1 15 | 80@ 85 | 1 05 |
| December 3..... | 1 05@1 10 | 1 05 | 1 41 | June 3..... | 1 10@1 15 | 80@ 85 | 1 05@1 10 |
| 10..... | 1 05@1 10 | 95@1 00 | 1 35 | 10..... | 1 10@1 15 | 80@ 85 | 1 05@1 10 |
| 17..... | 1 05@1 10 | 95@1 00 | 1 35 | 17..... | 1 10@1 15 | 80@ 85 | 1 05@1 10 |
| 24..... | 1 05@1 10 | 95@1 00 | 1 35 | 24..... | 1 10@1 15 | 80@ 85 | 1 05@1 10 |
| 31..... | 1 20@1 25 | 95@1 00 | 1 35 | July 1..... | 1 10@1 15 | 90@ 95 | 1 05@1 10 |
| January 7..... | 1 20@1 25 | 95@1 00 | 1 75@1 80 | 8..... | 1 10@1 15 | 90@ 95 | 1 05@1 10 |
| 14..... | 1 25 | 95@1 00 | 1 35 | 15..... | 1 10@1 15 | 90@ 95 | 1 05@1 10 |
| 21..... | 1 25 | 95@1 00 | 1 35 | 22..... | 1 10@1 15 | 90@ 95 | 1 00@1 05 |
| 28..... | 1 25 | 95@1 00 | 1 35 | 29..... | 1 10@1 15 | 90@ 95 | 1 00@1 05 |
| February 4..... | 1 25 | 95@1 00 | 1 35 | August 5..... | 1 10@1 15 | 90@ 95 | 1 00@1 05 |
| 11..... | 1 20@1 25 | 95@1 00 | 1 35 | 12..... | 1 10@1 15 | 90@ 95 | 1 00@1 05 |
| 18..... | 1 20@1 25 | 95@1 00 | 1 30 | 19..... | 1 10@1 15 | 90@ 95 | 1 25 |
| 25..... | 1 20@1 25 | 95@1 00 | 1 20 | 26..... | 1 10@1 15 | 90@ 95 | 1 25 |

* No session of the Chamber.

Table showing the annual receipts and shipments of salt of all kinds, at Cincinnati, for thirty-four years, each year ending August 31, embracing only such salt as was absolutely removed from the boats or cars, after arriving at this city:

| YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | |
|--------------|-----------|---------|------------|--------|--------------|-----------|--------|------------|--------|
| | Bbbs. | Bags. | Bbbs. | Bags. | | Bbbs. | Bags. | Bbbs. | Bags. |
| 1845-46..... | 111,005 | 13,147 | ..... | ..... | 1862-63..... | 159,730 | 75,190 | 83,063 | 21,969 |
| 1846-47..... | 124,360 | 56,292 | 65,346 | 4,416 | 1863-64..... | 157,512 | 48,808 | 100,761 | 8,267 |
| 1847-48..... | 94,722 | 65,265 | 39,656 | 5,057 | 1864-65..... | 141,990 | 59,916 | 106,624 | 18,743 |
| 1848-49..... | 76,496 | 76,985 | 39,960 | 5,403 | 1865-66..... | 120,521 | 17,794 | 133,440 | 9,981 |
| 1849-50..... | 114,107 | 110,650 | 29,509 | 8,301 | 1866-67..... | 200,656 | 71,652 | 117,787 | 2,059 |
| 1850-51..... | 79,858 | 50,474 | 28,585 | 7,141 | 1867-68..... | 249,561 | 10,055 | 116,519 | 7,317 |
| 1851-52..... | 68,022 | 91,312 | 27,022 | 15,314 | 1868-69..... | 266,412 | 26,387 | 142,943 | 4,579 |
| 1852-53..... | 78,086 | 71,626 | 32,870 | 29,196 | 1869-70..... | 257,141 | 32,253 | 157,558 | 4,489 |
| 1853-54..... | 90,832 | 66,372 | 37,251 | 30,466 | 1870-71..... | 233,568 | 24,527 | 158,680 | 4,624 |
| 1854-55..... | 74,362 | 72,105 | 36,333 | 9,606 | 1871-72..... | 315,797 | 31,666 | 201,133 | 6,589 |
| 1855-56..... | 54,261 | 80,719 | 31,064 | 9,928 | 1872-73..... | 858,480 | 47,872 | 228,273 | 6,428 |
| 1856-57..... | 112,971 | 148,308 | 39,192 | 10,417 | 1873-74..... | 348,611 | 50,102 | 234,998 | 4,139 |
| 1857-58..... | 73,120 | 59,601 | 44,291 | 21,524 | 1874-75..... | 269,845 | 42,810 | 166,701 | 5,075 |
| 1858-59..... | 80,584 | 44,356 | 49,958 | 19,208 | 1875-76..... | 297,425 | 31,527 | 170,110 | 7,582 |
| 1859-60..... | 119,751 | 61,058 | 59,046 | 12,502 | 1876-77..... | 249,789 | 56,883 | 174,617 | 11,152 |
| 1860-61..... | 110,295 | 44,603 | 81,202 | 12,604 | 1877-78..... | 255,167 | 51,148 | 199,529 | 9,447 |
| 1861-62..... | 162,857 | 69,350 | 87,211 | 23,793 | 1878-79..... | 281,285 | 52,098 | 171,019 | 3,559 |

Table showing the prices at Cincinnati, for the leading kinds of salt, on the last day of August, for five years:

*At elevator or landing.

CLOVER, TIMOTHY, ETC.

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The year in timothy seed has been an active one, profitable to both holders and dealers, though the producers, on account of having mainly sold their crops early at low prices, did not so largely participate in the advance which occurred during the winter and early summer. At the commencement of the year, there was a large stock of the crop of 1877 yet on hand, with some yet remaining of the crop of 1876. The yield in 1878 was large and fine in quality. The receipts for the year were large and the demand good alike for consumption, shipment and speculation. Large lots were bought at low prices in the winter and sold in the spring at a remunerative advance. The crop began to arrive early, commanding, on arrival, \$1 20@1 25 per bushel. Prices thence slowly declined until November, when the quotation was \$1 00@1 10. For three months following there was very little, if any, change in prices. Late in January, however, there was an advance set in, which continued until the close of February, when seed was quotable at \$1 30@1 35 on arrival. Prices were easier thence until the dry weather of the early summer seriously threatened the growing crop, when there was a material advance, seed early in June having been quotable at \$1 50@1 75. In the midst of the alarm incident to the threatening aspects of the seasons, on an exceptional day, it was quoted at \$1 75@2 00, but on the following day relapsed to the previous price of \$1 50@1 75. The crop of 1879 proved to be very short, and commenced to arrive in August at \$1 55@1 65. Though this was followed by a slight decline, an advance soon ensued and continued to the close of the commercial year, with all the conditions favorable for much higher prices. The average quotation for the year was \$1 24 per bushel, compared with \$1 25 in 1877-78 and \$1 66 in 1876-77, the very low prices in 1878-79 having, in the general average, been neutralized by the higher prices of the later periods of the year.

The crop of blue grass in 1878 was large and good. There was an abundance of seed here, with a dull market and low prices. The rate throughout the fall and winter was 75@80 cents per bushel. Prices declined in the spring to 50@55 cents. Stocks at the close, to be carried into the new year, were large, but the prospects of a short crop in 1879, which has since been verified, sent prices upward late in the summer, August closing with seed at 70@75 cents per bushel. Some shipments were made to Europe, but less, probably, than in the preceding year.

The crop of red-top in 1878 was good both in quantity and quality. Our market was well supplied, seed during the winter generally selling at 35@40 cents per bushel from store, compared with 40 cents at the corresponding period of the preceding year. There was a steady market throughout the remainder of the year, until late in August, when, with the prospect of a short crop, prices advanced to 60 cents per bushel.

The receipts at this city of clover, timothy, and grass seed generally, aggregated 55,712 bags in 1878-79, compared with 53,865 in 1877-78, and the shipments 50,605 bags in 1878-79, in comparison with 53,943 in the previous year.

Table showing the annual movement of clover and grass seed, including timothy, for thirty-four years :

| YEARS. | Receipts, *bbls. | Shipments, *bbls. | YEARS. | Receipts, *bbls. | Shipments, *bbls. | YEARS. | Receipts, *bbls. | Shipm'ts. *bbls. |
|--------------|---------------------|----------------------|--------------|---------------------|----------------------|--------------|---------------------|---------------------|
| 1845-46..... | 2,759 | 1,624 | 1856-57..... | 11,478 | 7,004 | 1868-69..... | 25,004 | 18,219 |
| 1846-47..... | 4,961 | 3,667 | 1857-58..... | 17,388 | 7,465 | 1869-70..... | *37,511 | *33,021 |
| 1847-48..... | 4,968 | 2,431 | 1858-59..... | 17,086 | 9,724 | 1870-71..... | *52,710 | *42,625 |
| 1848-49..... | 5,920 | 2,387 | 1859-60..... | 28,224 | 16,642 | 1871-72..... | *62,101 | *42,369 |
| 1849-50..... | 4,432 | 2,528 | 1860-61..... | 16,673 | 13,065 | 1872-73..... | *45,333 | *37,816 |
| 1850-51..... | 4,104 | 2,830 | 1861-62..... | 9,653 | 5,579 | 1873-74..... | *59,035 | *43,186 |
| 1851-52..... | 10,819 | 7,587 | 1862-63..... | 13,552 | 6,159 | 1874-75..... | *65,057 | *50,465 |
| 1852-53..... | 14,946 | 8,313 | 1863-64..... | 19,982 | 10,510 | 1875-76..... | *62,515 | *48,921 |
| 1853-54..... | 19,894 | 14,373 | 1864-65..... | 14,856 | 6,590 | 1876-77..... | *69,007 | *57,613 |
| 1854-55..... | 14,505 | 7,330 | 1865-66..... | 33,614 | 16,417 | 1877-78..... | *53,865 | *53,943 |
| 1855-56..... | 8,682 | 4,478 | 1866-67..... | 18,374 | 11,848 | 1878-79..... | *55,712 | *50,605 |
| | | | 1867-68..... | 32,768 | 17,304 | | | |

*Since the year 1868-69, the receipts and shipments have been reported in bags instead of barrels.

Table showing the quotation, per pound, for clover seed, at Cincinnati, on arrival, save where otherwise specified, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|----------------|---------------|----------------|-------------|-------------|---------------|-----------|-------------------|
| September 3... | ..... | 8c | *14 @15c | March 4... | 6 1/4 @ 6 1/2 | 7c | 14 1/4 @ 14 1/2 c |
| 10... | ..... | 8 | *14 @15 | 11... | 6 @ 6 1/2 | 7 1/4 | 14 1/4 @ 14 1/2 |
| 17... | 7 @ 7 1/2 c | 8 @ 8 1/2 | *14 @15 | 18... | 6 @ 6 1/2 | 7 1/4 | 14 1/4 @ 14 1/2 |
| 24... | 7 @ 7 1/2 | 9 @ 9 1/2 | 10 | 25... | 6 @ 6 1/2 | 7 1/2 | 14 1/4 @ 14 1/2 |
| October 1... | 7 @ 7 1/2 | 8 @ 9 | 10 | April 1... | 6 @ 6 1/2 | 7 @ 7 1/4 | 14 1/4 @ 14 1/2 |
| 8... | * | 8 @ 8 1/2 | ..... | 8... | 6 @ 6 1/2 | 7 | 14 1/4 @ 14 1/2 |
| 15... | 7 | 8 @ 8 1/2 | 12 | 15... | 6 @ 6 1/2 | 7 | 14 1/4 @ 14 1/2 |
| 22... | 6 1/2 @ 6 3/4 | 8 @ 8 1/2 | 12 1/4 @ 13 | 22... | 6 @ 6 1/2 | 7 | 14 1/4 @ 14 1/2 |
| 29... | 6 1/4 @ 6 1/2 | 8 @ 8 1/2 | 13 @ 13 1/2 | 29... | 6 @ 6 1/2 | 7 | 14 1/4 @ 14 1/2 |
| November 5... | 6 | 8 @ 8 1/2 | *..... | May 6... | 6 @ 6 1/2 | 7 | 14 |
| 12... | 5 1/2 @ 6 | 8 @ 8 1/2 | 13 1/2 | 13... | 6 @ 6 1/2 | 7 | 10 @ 11 |
| 19... | 6 @ 6 1/2 | 8 @ 8 1/2 | +15 | 20... | 6 @ 6 1/2 | 7 | 10 @ 11 |
| 26... | 6 @ 6 1/2 | 8 @ 8 1/2 | +15 | 27... | 6 @ 6 1/2 | 7 | 10 @ 11 |
| December 3... | 6 @ 6 1/2 | 8 @ 8 1/2 | +15 | June 3... | 6 @ 6 1/2 | 7 | 10 @ 11 |
| 10... | 6 @ 6 1/2 | 8 @ 8 1/2 | 14 @ 14 1/2 | 10... | 6 @ 6 1/2 | 7 | 10 @ 11 |
| 17... | 6 @ 6 1/2 | 8 @ 8 1/2 | 14 @ 14 1/2 | 17... | 7 1/4 @ 7 1/2 | 7 | +14 @ 14 1/2 |
| 24... | 6 @ 6 1/2 | * | 14 @ 14 1/2 | 24... | 7 1/4 @ 7 1/2 | 7 | +14 @ 14 1/2 |
| 31... | 6 @ 6 1/2 | * | 14 @ 14 1/2 | July 1... | 7 1/4 @ 7 1/2 | 7 | +14 @ 14 1/2 |
| January 7... | 6 @ 6 1/2 | +8 @ 8 1/2 | 14 @ 14 1/2 | 8... | 7 1/4 @ 7 1/2 | 7 | +14 @ 14 1/2 |
| 14... | 6 @ 6 1/2 | +8 @ 8 1/2 | 14 @ 14 1/2 | 15... | 7 1/4 @ 7 1/2 | 7 | +14 @ 14 1/2 |
| 21... | 6 @ 6 1/2 | +8 @ 8 1/2 | 14 @ 14 1/2 | 22... | 7 1/4 @ 7 1/2 | 7 | +14 @ 14 1/2 |
| 28... | 6 1/4 @ 6 1/2 | +8 1/4 @ 8 1/2 | 15 @ 15 1/2 | 29... | 7 1/4 @ 7 1/2 | 7 | +13 1/2 @ 14 |
| February 4... | 6 1/2 | +8 1/4 @ 8 1/2 | 15 @ 15 1/2 | August 5... | 7 | 7 | +13 1/2 @ 14 |
| 11... | 6 1/4 @ 6 1/2 | 7 1/2 | 15 @ 15 1/2 | 12... | 7 | 7 | +13 1/2 @ 14 |
| 18... | 6 1/4 @ 6 1/2 | 7 1/2 | 15 @ 15 1/2 | 19... | 7 | 7 | +13 1/2 @ 14 |
| 25... | 6 1/4 @ 6 1/2 | 7 @ 7 1/4 | 14 @ 14 1/2 | 26... | 7 | 7 | +13 1/2 @ 14 |

* No session of the Chamber. † From store.

Table showing the quotation, per bushel, for timothy seed, at Cincinnati, on arrival, except where otherwise named, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|---------------|---------------|-------------|---------------|---------------|---------------|---------------|
| September 3..... | \$1 20 @ 1 25 | \$1 25 @ 1 35 | \$1 65 | March 4..... | \$1 28 @ 1 32 | \$1 20 @ 1 25 | \$1 65 @ 1 75 |
| 10..... | 1 20 @ 1 25 | 1 25 @ 1 35 | 1 65 | 11..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 65 @ 1 75 |
| 17..... | 1 15 @ 1 25 | 1 30 @ 1 35 | 1 65 | 18..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 24..... | 1 15 @ 1 25 | 1 30 @ 1 40 | 1 65 | 25..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| October 1..... | 1 15 @ 1 25 | 1 30 @ 1 40 | 1 75 | April 1..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 8..... | * | 1 30 @ 1 35 | ..... | 8..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 15..... | 1 15 @ 1 20 | 1 25 @ 1 30 | 1 80 | 15..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 22..... | 1 10 @ 1 15 | 1 25 @ 1 30 | 1 75 @ 1 85 | 22..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 29..... | 1 10 @ 1 15 | 1 25 @ 1 30 | 1 75 @ 1 85 | 29..... | 1 25 @ 1 30 | 1 20 @ 1 24 | 1 50 @ 1 60 |
| November 5..... | 1 00 @ 1 10 | 1 25 @ 1 30 | ..... | May 6..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 12..... | 1 00 @ 1 10 | 1 25 @ 1 20 | 1 65 @ 1 75 | 13..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 19..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 65 @ 1 75 | 20..... | 1 25 @ 1 30 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 26..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 65 @ 1 75 | 27..... | 1 35 @ 1 45 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| December 3..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 65 @ 1 75 | June 3..... | 1 50 @ 1 75 | 1 20 @ 1 25 | 1 50 @ 1 60 |
| 10..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 65 @ 1 75 | 10..... | 1 50 @ 1 65 | 1 20 @ 1 25 | 1 60 @ 1 70 |
| 17..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 70 @ 1 75 | 17..... | ..... | 1 20 @ 1 25 | 1 60 @ 1 70 |
| 24..... | 1 00 @ 1 10 | ..... | 1 70 @ 1 75 | 24..... | ..... | 1 20 @ 1 25 | 1 60 @ 1 70 |
| 31..... | 1 00 @ 1 10 | ..... | 1 70 @ 1 85 | July 1..... | ..... | 1 20 @ 1 25 | 1 60 @ 1 70 |
| January 7..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 70 @ 1 85 | 8..... | ..... | 1 20 @ 1 25 | 1 60 @ 1 70 |
| 14..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 70 @ 1 85 | 15..... | ..... | 1 20 @ 1 25 | 1 60 @ 1 70 |
| 21..... | 1 00 @ 1 10 | 1 25 @ 1 30 | 1 75 @ 1 90 | 22..... | ..... | 1 20 @ 1 25 | 1 60 @ 1 70 |
| 28..... | 1 20 @ 1 25 | 1 25 @ 1 30 | 1 75 @ 1 90 | 29..... | ..... | 1 20 @ 1 25 | +1 75 @ 1 90 |
| February 4..... | 1 30 @ 1 35 | 1 25 @ 1 30 | 1 75 @ 1 90 | August 5..... | ..... | 1 15 @ 1 20 | +1 75 @ 1 80 |
| 11..... | 1 30 @ 1 35 | 1 25 @ 1 30 | 1 75 @ 1 90 | 12..... | 1 55 @ 1 65 | 1 15 @ 1 20 | 1 50 |
| 18..... | 1 30 @ 1 35 | 1 20 @ 1 25 | 1 75 @ 1 90 | 19..... | 1 55 @ 1 60 | 1 15 @ 1 20 | 1 40 @ 1 50 |
| 25..... | 1 30 @ 1 35 | 1 20 @ 1 25 | 1 70 @ 1 80 | 26..... | 1 60 @ 1 62 | 1 20 @ 1 25 | 1 40 @ 1 50 |

* No session of the Chamber. † From store.

Table showing the average annual quotation for clover seed, at Cincinnati, for twenty-four years:

| YEARS. | Per bu. | YEARS. | Per bu. | YEARS. | Per lb. | YEARS. | Per lb. |
|--------------|---------|--------------|---------|-----------------|---------|--------------|---------|
| 1855-56..... | \$8 21 | 1861-62..... | \$4 17 | 1867-68 per lb. | 12.8c | 1873-74..... | 9.1 |
| 1856-57..... | 7 00 | 1862-63..... | 6 08 | 1868-69 .. | 14.9 | 1874-75..... | 10.98 |
| 1857-58..... | 5 10 | 1863-64..... | 7 40.6 | 1869-70 .. | 14.25 | 1875-76..... | 14.33 |
| 1858-59..... | 5 55 | 1864-65..... | 14 00 | 1870-71 .. | 10.75 | 1876-77..... | 13.7 |
| 1859-60..... | 4 85 | 1865-66..... | 7 24 | 1871-72 .. | 10 | 1877-78..... | 7.76 |
| 1860-61..... | 4 75 | 1866-67..... | 8 71 | 1872-73 .. | 8.9 | 1878-79..... | 6.32 |

FLAX SEED.

In flax seed, nature has seemed, for a few years, to have been determined in this country, that each year should excel the year preceding, in quantity and quality. Magnificent as was the crop of 1877, that of 1878 surpassed it. The large yield in the West practically drove the foreign seed from the markets of the East, so that the crushers there drew their main supplies from the West. The western seed had played an important part in the business of the previous year, the manufacturers of the East having greatly curtailed their importation of Calcutta seed, but the conquest was at no time so clearly marked as it has been of late. The market, in harmony with that for linseed oil, was steady, and prices free from fluctuation and from speculative tendencies. There was a good demand for all of our seed, so that the stocks were well worked up before the advent of the new crop. The crop of the 1878 made its appearance at \$1 00@1 10 per bushel. An advance of 10 cents per bushel was soon established, and a similar advance ensued before the close of September, but prices receded slightly soon thereafter and ranged from \$1 00@1 20 per bushel during the remainder of the crop year. The crop of 1879, in quantity and quality, exceeded its predecessors. Though the yield to the acre was not quite so large, the increased acreage was such that it is estimated the entire product will probably exceed any previous year 25 per cent. The new crop made its appearance in August at \$1 15@1 20, the commercial year closing with a stronger market and slightly increased prices. The acreage quotation for the past year at Cincinnati was \$1 12.9 per bushel, compared with \$1 14.4 in 1877-78, \$1 20.9 in 1876-77, \$1 24.3 in 1875-76, \$1 67.6 in 1874-75 and \$1 80.4 in 1873-74. The receipts at this city were 39,150 bags, compared with 52,777 in 1877-78, and the shipments 9,710 bags, in comparison with 8,763.

Table showing the receipts and shipments of flax seed, annually, for thirty-four years:

| YEARS. | Receipts, bags. | Shipments, bags. | YEARS. | Receipts, bags. | Shipments, bags. | YEARS. | Receipts, bags. | Shipments, bags. |
|--------------|-----------------|------------------|--------------|-----------------|------------------|--------------|-----------------|------------------|
| 1845-46..... | 20,494 | 138 | 1856-57..... | 21,101 | 764 | 1868-69..... | 27,090 | 3,623 |
| 1846-47..... | 25,753 | 291 | 1857-58..... | 42,413 | 2,362 | 1869-70..... | 44,951 | 5,888 |
| 1847-48..... | 82,260 | 2,785 | 1858-59..... | 20,108 | 890 | 1870-71..... | 50,931 | 6,668 |
| 1848-49..... | 22,859 | 808 | 1859-60..... | 26,307 | 1,144 | 1871-72..... | 40,155 | 7,461 |
| 1849-50..... | 15,570 | 333 | 1860-61..... | 19,278 | 753 | 1872-73..... | 39,748 | 6,890 |
| 1850-51..... | 20,319 | 443 | 1861-62..... | 18,970 | 2,117 | 1873-74..... | 46,451 | 15,067 |
| 1851-52..... | 48,074 | 3,520 | 1862-63..... | 34,784 | 3,184 | 1874-75..... | 20,502 | 7,410 |
| 1852-53..... | 51,752 | 3,543 | 1863-64..... | 45,107 | 11,158 | 1875-76..... | 49,115 | 8,951 |
| 1853-54..... | 40,650 | 2,945 | 1864-65..... | 32,922 | 12,643 | 1876-77..... | 58,934 | 5,285 |
| 1854-55..... | 21,189 | 1,121 | 1865-66..... | 29,098 | 3,456 | 1877-78..... | 52,777 | 8,763 |
| 1855-56..... | 25,349 | 1,418 | 1866-67..... | 37,144 | 2,899 | 1878-79..... | 39,150 | 9,710 |
| | | | 1867-68..... | 28,945 | 3,288 | | | |

Table showing the quotation for flax seed, per bushel, on arrival, at Cincinnati, on Tuesday of each week, in three years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | DATES. | 1878-79 | 1877-78 | 1876-77 |
|------------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|
| September 3..... | \$1 10@1 20 | \$1 10@1 20 | \$1 00@1 15 | March 4..... | \$1 00@1 15 | \$1 10@1 20 | \$1 10@1 40 |
| 10..... | 1 10@1 20 | 1 10@1 20 | 1 00@1 15 | 11..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 |
| 17..... | 1 10@1 25 | 1 10@1 20 | 1 00@1 15 | 18..... | 1 10@1 20 | 1 10@1 20 | 1 10@1 45 |
| 24..... | 1 10@1 30 | 1 10@1 20 | 1 00@1 15 | 25..... | 1 10@1 20 | 1 10@1 20 | 1 10@1 45 |
| October 1..... | 1 10@1 30 | 1 10@1 20 | 1 00@1 15 | April 1..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 8..... | * | 1 10@1 20 | * | 8..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 15..... | 1 10@1 25 | 1 10@1 20 | 1 00@1 15 | 15..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 22..... | 1 10@1 15 | 1 10@1 20 | 1 00@1 20 | 22..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 29..... | 1 10@1 15 | 1 10@1 20 | 1 00@1 20 | 29..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| November 5..... | 1 00@1 10 | 1 10@1 20 | * | May 6..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 12..... | 1 00@1 15 | 1 10@1 20 | 1 00@1 25 | 13..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 19..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 25 | 20..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 26..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 25 | 27..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| December 3..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 35 | June 3..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 10..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 35 | 10..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 17..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 35 | 17..... | 1 15@1 20 | 1 10@1 20 | 1 10@1 40 |
| 24..... | 1 00@1 15 | * | 1 10@1 35 | 24..... | 1 10@1 20 | 1 10@1 20 | 1 10@1 40 |
| 31..... | 1 00@1 15 | * | 1 10@1 35 | July 1..... | 1 20 | 1 10@1 20 | 1 10@1 40 |
| January 7..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 35 | 8..... | ..... | 1 10@1 20 | 1 10@1 40 |
| 14..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 35 | 15..... | ..... | 1 10@1 20 | 1 10@1 40 |
| 21..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 | 22..... | ..... | 1 10@1 20 | 1 10@1 40 |
| 28..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 | 29..... | ..... | 1 10@1 20 | 1 10@1 25 |
| February 4..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 | August 5..... | ..... | 1 00@1 10 | 1 10@1 20 |
| 11..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 | 12..... | 1 15@1 20 | 1 00@1 10 | 1 10@1 20 |
| 18..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 | 19..... | 1 15@1 20 | 1 00@1 10 | 1 10@1 20 |
| 25..... | 1 00@1 15 | 1 10@1 20 | 1 10@1 45 | 26..... | 1 15@1 22 | 1 10@1 25 | 1 10@1 20 |

* No session of the Chamber.

STARCH.

There is not an industry in Cincinnati that exhibits more marked growth, that is pushed with more vigor, or that is wider in the distribution of its product than that of starch. Each year the increase in production is measured by millions of pounds, and in the coming year there is promise of still greater increase than ever before, because of enlargements and improvements now going on, which will swell the aggregate capacity of the manufactories here 20 to 25 per cent. The whole production for the commercial year, according to returns submitted to the Superintendent of the Merchants' Exchange, was 24,766,328 pounds, in comparison with 21,841,156 pounds in 1877-78, 18,800,839 in 1876-77, 17,988,928 in 1875-76, 17,254,947 in 1874-75 and 17,719,842 in 1873-74. The increase of 1878-79 over 1877-78 was 2,925,172 pounds, and of 1877-78 over the preceding year, 3,040,317 pounds. A noticeable feature is the steady improvement which is taking place in the quality of the starch made, the manufacturers endeavoring, both by improved machinery, new methods, and larger information, to advance the quality as well as cheapen production. Large shipments have gone abroad, though the aggregate business with foreign countries has probably not been so great as in the preceding year. The distribution in this country is general. Large quantities find their way to New England as well as to the West, and more has gone into the South during the past year than previously. Competition has been sharper than ever before known, and the disposition to slaughter rates has been so general and needless, that it has turned the attention of manufacturers to the necessity of a better understanding between themselves, which will probably result in a more satisfactory market during the coming year. Prices have been low beyond precedent. Though, in the previous year, when starch declined to 2¾ cents, it was thought to be extraordinary, still the past year has witnessed about 9 per cent. taken from that price. The price for No. 1 starch of city manufacture, in lots of twenty-five boxes and upward, during the

first half of the year, was $2\frac{3}{4}$ cents per pound. In February it was reduced $\frac{1}{8}$ of a cent per pound, and soon thereafter the price was lowered to $2\frac{1}{2}$ cents, at which it remained during the remainder of the year. The average quotation for the year was 2.62 cents per pound, in comparison with 3.17 cents in 1877-78, a decline in the average of 17 per cent. The average was 3.93 in 1876-77, 4.31 in 1875-76, and 4.88 in 1874-75.

The shipments of starch, as shown by the books of the railroads, etc., at Cincinnati, were during the year 461,147 boxes, in comparison with 399,931 boxes in 1878-79. But these figures do not represent the entire outward movement, for to them should be added the shipments made directly from the manufactories, which would increase the aggregate approximately to the equivalent of 538,398 boxes, compared with 485,359 boxes in 1877-78.

Table showing the prices of No. 1 starch, of city manufacture, at Cincinnati, in lots of twenty-five boxes and upward, on Tuesday of each week, in four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|------------------|-----------------|-----------------|---------|-----------------|---------------|-----------------|-----------------|----------------|-----------------|
| September 3..... | $2\frac{3}{4}c$ | $3\frac{1}{2}c$ | 4c | $4\frac{5}{8}c$ | March 4..... | $2\frac{3}{4}c$ | $3\frac{1}{2}c$ | 4c | $4\frac{1}{4}c$ |
| 10..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 11..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{1}{4}$ |
| 17..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 18..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{1}{4}$ |
| October 24..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 25..... | $2\frac{3}{4}$ | 3 | 4 | $4\frac{1}{4}$ |
| 1..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | April 1..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | $4\frac{1}{4}$ |
| 8..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 8..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | $4\frac{1}{4}$ |
| 15..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 15..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | $4\frac{1}{4}$ |
| 22..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 22..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | $4\frac{1}{4}$ |
| November 29..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 29..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | $4\frac{1}{4}$ |
| 6..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | May 6..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | $4\frac{1}{4}$ |
| 12..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 13..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | 4 |
| 19..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 20..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | 4 |
| 26..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 27..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | 4 | 4 |
| December 3..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | June 3..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 10..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 10..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 17..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 17..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 24..... | $2\frac{3}{4}$ | 4 | 4 | $4\frac{5}{8}$ | 24..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| January 31..... | $2\frac{3}{4}$ | 4 | 4 | $4\frac{5}{8}$ | July 1..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 7..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 8..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 14..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 15..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 21..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 22..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| February 28..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 29..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 4..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | August 5..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 11..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 12..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 18..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 19..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |
| 25..... | $2\frac{3}{4}$ | $3\frac{1}{2}$ | 4 | $4\frac{5}{8}$ | 26..... | $2\frac{3}{4}$ | $2\frac{3}{4}$ | $3\frac{3}{4}$ | 4 |

Table showing the receipts and shipments by river, railroad and canal (not including that shipped directly from the manufactories, without coming to the city), of starch, during thirty-three years, each year ending August 31:

| YEARS. | Receipts, boxes. | Shipments, boxes. | YEARS. | Receipts, boxes. | Shipments, boxes. | YEARS. | Receipts, boxes. | Shipments, boxes. |
|--------------|------------------|-------------------|--------------|------------------|-------------------|--------------|------------------|-------------------|
| 1846-47..... | | 5,820 | 1857-58..... | 26,871 | 27,710 | 1868-69..... | 186,611 | 207,934 |
| 1847-48..... | | 8,177 | 1858-59..... | 45,618 | 39,257 | 1869-70..... | 154,027 | 166,951 |
| 1848-49..... | | 7,904 | 1859-60..... | 36,661 | 43,054 | 1870-71..... | 162,883 | 159,968 |
| 1849-50..... | | 9,419 | 1860-61..... | 28,270 | 33,863 | 1871-72..... | 213,076 | 230,004 |
| 1850-51..... | | 14,109 | 1861-62..... | 59,758 | 60,682 | 1872-73..... | 211,392 | 224,704 |
| 1851-52..... | | 18,293 | 1862-63..... | 28,762 | 69,248 | 1873-74..... | 232,718 | 270,553 |
| 1852-53..... | | 26,445 | 1863-64..... | 48,875 | 58,088 | 1874-75..... | 210,173 | 251,056 |
| 1853-54..... | | 31,700 | 1864-65..... | 55,591 | 57,841 | 1875-76..... | 305,886 | 328,998 |
| 1854-55..... | | 24,520 | 1865-66..... | 120,833 | 112,859 | 1876-77..... | 240,653 | 317,565 |
| 1855-56..... | | 37,991 | 1866-67..... | 142,447 | 153,821 | 1877-78..... | 171,340 | 399,931 |
| 1856-57..... | | 35,857 | 1867-68..... | 139,617 | 154,019 | 1878-79..... | 360,169 | 461,147 |

The receipts of starch from the manufactories at Lockland and St. Bernard are embraced in the imports, inasmuch as these are now substantially within the limits of the city, their product, to show actual business transacted, should be omitted from the inward movement.

TALLOW.

The year in tallow has been noted for the lowest prices that have been known for at least thirty years. Prime city-rendered tallow was quotable, at the opening of the commercial year, at 63 $\frac{1}{4}$ cents per pound, and steadily declined until midwinter, when it was quotable at 57 $\frac{1}{8}$ @6 cents. Prices were quotable from $\frac{1}{8}$ to $\frac{1}{4}$ cent higher during the remainder of the year, though, in August, the advance was substantially lost. But the quotations do not represent the lowest point touched; for prime tallow, in large quantities, was bought during the period of the lowest prices at 57 $\frac{1}{2}$ cents per pound. The average quotation for the year, for prime city-rendered tallow, was 6.18 cents per pound, in comparison with 7.2 in 1877-78, 7.97 in 1876-77, 8.77 in 1875-76, 8.5 in 1874-75, 7.4 in 1873-74, and 8.4 in 1872-73. Our market was fairly supplied throughout the year, but the demand was not as active as it sometimes has been at much higher prices. The very low prices for lard, which at times were below those for tallow, the general quiet which characterized the first half of the year at least, and the probably increased production, all appeared to operate to depress the tallow market of the West, as well as of Cincinnati, from which there was no relief, until the pronounced improvement in business generally, in the late summer, gave promise of better prices. The aggregate receipts for the year were 27,412 tierces, in comparison with 30,432 in the preceding year. It must be remembered, in this connection, that these figures do not embrace any part of the production of this city, which, of course, makes a large aggregate, about all of which, with that, too, which arrives, goes into consumption here.

Table showing the price, per pound, in Cincinnati, of prime city-rendered tallow, on Tuesday of each week, in four years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 |
|----------------|------------------------------------|-----------------------------------|------------------------------------|--------------------|-------------|------------------------------------|--------------------|--------------------------------------|---------|
| September 3... | 61 $\frac{1}{2}$ c | 75 $\frac{1}{2}$ c | 8c | 87 $\frac{1}{2}$ c | March 4... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ c | 73 $\frac{1}{2}$ @71 $\frac{1}{2}$ c | 9c |
| 10... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 8 | 91 $\frac{1}{2}$ | 11... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 17... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 8 @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 18... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 24... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 8 @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 25... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| October 1... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | April 1... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 8... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 8... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 15... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 15... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 22... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 22... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 29... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 29... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| November 5... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | May 6... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 12... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 13... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 19... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 20... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 26... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 27... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| December 3... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ @7 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | June 3... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 10... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 10... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 17... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 17... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 24... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 24... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 31... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | July 1... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| January 7... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 8... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 14... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 15... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 21... | 57 $\frac{1}{2}$ @6 | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 22... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 28... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 29... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| February 4... | 61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | August 5... | 57 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 11... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 12... | 57 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 18... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 81 $\frac{1}{2}$ @81 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 19... | 57 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |
| 25... | 61 $\frac{1}{2}$ @61 $\frac{1}{2}$ | 75 $\frac{1}{2}$ | 71 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 91 $\frac{1}{2}$ | 26... | 57 $\frac{1}{2}$ | 72 $\frac{1}{2}$ | 72 $\frac{1}{2}$ @71 $\frac{1}{2}$ | 9 |

*No session of the Chamber.

Table showing the annual receipts and shipments of tallow, at Cincinnati, for thirty-four years :

| DATES. | Receipts, tierces. | Shipments, tierces. | YEARS. | Receipts, tierces. | Shipments, tierces. | YEARS. | Receipts, tierces. | Shipments, tierces. |
|--------------|-----------------------|------------------------|--------------|-----------------------|------------------------|--------------|-----------------------|------------------------|
| 1845-46..... | 1,734 | 3,452 | 1856-57..... | 4,581 | 6,987 | 1868-69..... | 31,779 | 2,020 |
| 1846-47..... | 1,748 | 4,543 | 1857-58..... | 3,478 | 2,304 | 1869-70..... | 20,277 | 2,320 |
| 1847-48..... | 2,472 | 5,682 | 1858-59..... | 5,595 | 577 | 1870-71..... | 28,473 | 2,317 |
| 1848-49..... | 1,829 | 4,976 | 1859-60..... | 7,075 | 927 | 1871-72..... | 24,286 | 3,755 |
| 1849-50..... | 1,225 | 4,311 | 1860-61..... | 7,282 | 7,494 | 1872-73..... | 36,934 | 5,149 |
| 1850-51..... | 3,682 | 5,927 | 1861-62..... | 7,965 | 11,214 | 1873-74..... | 39,412 | 9,320 |
| 1851-52..... | 5,930 | 3,039 | 1862-63..... | 4,905 | 9,000 | 1874-75..... | 33,397 | 3,804 |
| 1852-53..... | 3,463 | 4,767 | 1863-64..... | 5,297 | 6,561 | 1875-76..... | 28,009 | 5,490 |
| 1853-54..... | 4,230 | 8,162 | 1864-65..... | 16,982 | 1,955 | 1876-77..... | 28,194 | 2,504 |
| 1854-55..... | 3,288 | 6,893 | 1865-66..... | 19,851 | 1,999 | 1877-78..... | 30,432 | 3,262 |
| 1855-56..... | 2,302 | 4,094 | 1866-67..... | 23,336 | 1,197 | 1878-79..... | 27,412 | 4,846 |
| | | | 1867-68..... | 22,161 | 1,055 | | | |

TOBACCO.

At the close of the preceding commercial year, careful estimates of the cutting leaf crop of 1878 indicated a shortage of 10 to 15 per cent, as compared with the previous year. The deficiency proved greater than was anticipated, having been discovered, eventually, to be fully 20 per cent. This reduction in supplies, of course, had its influence on the extent of the business, reducing the aggregate receipts, at Cincinnati, about 10,000 hogsheads. The receipts were 78,137 hogsheads, in comparison with 88,280 hogsheads in 1877-78. It will be seen that, notwithstanding the reduction in business, Cincinnati enjoyed her full share of the crop. The quality of the tobacco crop of 1878 was singularly good. The winter having been cold and unfavorable for stripping, the crop commenced moving very late, little of the new tobacco having made its appearance here prior to the latter part of March. The winter was distinguished by great dullness, which was the more promoted by the agitation in Congress of a change in the tobacco tax, the issue of which was in grave doubt for a long period. The reduction of the tax on chewing and smoking tobaccos, from 24 to 16 cents per pound, and on snuff, from 32 to 16 cents per pound, which ensued late in the winter, to take effect on the first day of the following May, soon put a new phase on the whole tobacco trade. The conjunction of this action, with the movement of the crop of 1878, and the general conviction that the yield would be more seriously short than at first anticipated, affected prices, an upward movement soon commencing, which continued until nearly the close of August. The price of the tobacco, from the cutting regions, during the spring and summer, advanced from 5 to 10 cents per pound. Bright lugs, which in March were quotable at $6\frac{1}{2}@7\frac{1}{2}$ cents per pound, by the middle of August commanded $10\frac{1}{2}@12\frac{1}{2}$ cents. Bright fillers, in the same period, advanced from $8@11$ cents to $15@19$ cents. Bright cutting leaf, from $9@12$ cents, went up to $16@22$ cents. Toward the close of the commercial year, the promise of larger supplies for the coming year, which the growing crop furnished, affected the market somewhat, and prices temporarily declined. The average price of the whole year, notwithstanding the inactivity and low prices of the preceding winter, was fully 50 per cent. above the previous year. The average price of the tobacco sold at the warehouses, for ten months of the present calendar year, according to the figures of F. A. Prague, Esq., was $12\frac{1}{4}$ cents per pound, compared with 8 cents in the entire calendar year of 1878, and $8\frac{3}{4}$ in 1877. It is true, the shortness of the crop of 1878 had much to do with the steadily increasing values, but the sequel to the reduction in the tax, was a substantial verification of the claims which

were made by the representatives of the interest here, for lower taxes, that the former tax was largely a tax on the industry, which alike reduced the value of the crop to the farmer and militated against the interests of the manufacturer. The popularity of the tobacco of this region, for plug as well as cutting purposes, has shown no abatement. The demand has even been greater than ever before, and the tobacco would have been used still more largely had not prices so advanced as to affect the demand. The revolution which has taken place in the demand for the tobacco of this region, is a most interesting commercial as well as agricultural event. That a few stalks of tobacco, presenting a whitish, sickly appearance, tolerated in a single bed of plants along the banks of the Ohio, should, in eleven years, grow into such favor, as to work a revolution in the whole leaf business, and constitute, perhaps, nineteen-twentieths of our whole cutting crop, is a wonder in production, and one scarcely knows which to regard the more marvelous, the lowly, mysterious origin of the plant, or the tremendous development which has expanded a few seed into a crop, the demand for which is by no means limited to our own country. The receipts of tobacco at the warehouses, for the commercial year, aggregated 35,511 hogsheads and 4,932 boxes, compared with 39,022 hogsheads and 6,970 boxes in 1877-78; the offerings, 38,999 hogsheads and 5,272 boxes, in comparison with 51,142 hogsheads and 9,171 boxes; the rejections, 6,721 hogsheads and 1,598 boxes, compared with 11,192 hogsheads and 2,540 boxes, and the sales 33,149 hogsheads and 3,811 boxes, in comparison with 40,140 hogsheads and 6,727 boxes. It will thus be seen that the business of the warehouses has, in all respects, fallen materially behind 1877-78. This reduction, however, is alone traceable to the shortness of the crop, the business here having been larger, in proportion to the size of the crop, than in the previous year, for while the whole crop has fallen off about 20 per cent., the receipts at the warehouses here show a reduction of but 9 per cent.

The crop of Ohio seed leaf, in 1878, was good in quality. Because of the increased demand from the East, less quantities sought this market, so that the receipts of Ohio tobacco, both at the warehouses and by the dealers, were less than the preceding year. This deficiency, however, was more than made up from Connecticut, Pennsylvania, New York and Wisconsin.

The crop of cutting tobacco, in 1879, promises to be one of the largest on record. Stimulated by the high prices, farmers planted more largely than common, and the weather, late, was favorable to its full development.

Notwithstanding a somewhat diminished business, the year, to warehousemen, has been satisfactory. An additional warehouse has been added to our facilities, which have been otherwise improved. The importance of this city as a leaf tobacco market is steadily increasing. Its reputation is no longer confined to this country. Europe, each year, has been seeking to build up a trade with this city, and this desire has probably never been so strongly expressed as in the past year.

The averages prices of leaf tobacco in this market, based on sales of all kinds, at the warehouses, for ten calendar years, according to the valuable figures of F. A. Prague, Esq., were as follows, the average for 1879 being for ten months:

| | | | | | |
|-----------|--------------------|-----------|--------------------|-----------|--------------------|
| 1879..... | 12 $\frac{1}{4}$ c | 1876..... | 10 $\frac{1}{2}$ c | 1872..... | 13c |
| 1878..... | 8 | 1875..... | 16 $\frac{1}{2}$ c | 1871..... | 13 $\frac{1}{2}$ c |
| 1877..... | 8 $\frac{3}{4}$ | 1874..... | 15 $\frac{1}{2}$ | 1870..... | 12 $\frac{1}{2}$ |
| | | 1873..... | 10 $\frac{3}{4}$ | | |

The year, as a whole, to manufacturers of tobacco has not been a favorable one. The entire winter was subjected to the disadvantages of an agitation in Congress, in relation to the internal revenue tax, which moved consumers to buy sparingly and prevented manufacturers from doing more than was absolutely necessary to meet the then current wants. The result was that during much the larger part of the late commercial year, there was, in the aggregate of the two cities of Cincinnati and Covington, dimin-

ished production, all the gain which was experienced in the aggregate for the year, ending July 31, having been made during the months of May, June and July, which showed, in fine-cut and plug tobaccos, an increase over the corresponding period of the previous year of 984,396 pounds. The facilities for manufacturing chewing tobacco have been materially increased here during the year, by the erection of three manufactories in Covington, two of which are directed to the manufacture of plug tobacco, making now, on both sides of the river, six important establishments, besides the smaller producers, engaged in making this kind of tobacco. The returns of the Revenue Department do not show the relations which the fine-cut and plug tobaccos sustain to each other in production, but there appears no doubt that the production of plug tobacco here is not only rapidly increasing, because of the restoration to this city of a large and distinct branch of chewing tobacco-production, which for many years has had, until recently, scarcely an existence, but that it is also gaining, relatively, on the fine-cut production, not because of the absence of enterprise on the part of the distinguished manufacturers here, whose products have a reputation as wide as the country, but because of a preference, for the time being at least, for the plug, which is manifesting itself among large classes of consumers. The total production of fine-cut and plug tobacco, in the First Internal Revenue District of Ohio (Cincinnati), according to the returns of Amor Smith, Jr., Esq., Collector, was 2,095,220 pounds, compared with 2,480,544 $\frac{2}{3}$ pounds in the previous year, showing a falling off of 385,324 $\frac{2}{3}$ pounds. On the other hand, the production on the Kentucky side of the Ohio River, which properly belongs to Cincinnati, according to the report of W. S. Holden, Esq., Collector of the Sixth Kentucky District, exhibits a large increase, having been, in 1878-79, 2,546,991 $\frac{3}{8}$ pounds, compared with 1,826,584 $\frac{1}{3}$ pounds in 1877-78, an increase of 720,407 pounds. The aggregate production of Cincinnati and Covington was 4,642,211 $\frac{3}{8}$ pounds, in comparison with 4,307,129 pounds in the previous year, an increase of 335,082 $\frac{3}{8}$ pounds. The total taxes paid on this production in Cincinnati was \$422,844 32 in 1878-79, compared with \$595,330 72 in 1877-78, and in Covington \$520,120 05, in comparison with \$438,380 24. The taxes paid in the two cities aggregated, on fine-cut and plug tobacco, \$942,964 37, compared with \$1,033,710 96. It will be seen, that while there has been a material increase in the quantity manufactured, there has been a sensible loss in the revenue.

The relation of the two years in smoking tobacco has been much like that in chewing. There was a loss in the aggregate quantity manufactured in the two cities, in the first nine months of the year, which was more than made up by the gain in the remainder of the year, the latter having been 468,900 pounds, the aggregate gain for the whole year having been 137,132 $\frac{1}{2}$ pounds. The aggregate production in the two cities, for the year, was 2,284,159 $\frac{1}{2}$ pounds, compared with 2,147,027 pounds in 1877-78, on which taxes were paid in the past year amounting to \$462,382 08, in comparison with \$515,286 51. The total production of chewing and smoking tobacco in the three cities was 6,926,370 $\frac{7}{8}$ pounds, on which taxes were paid amounting to \$1,405,346 45, compared with 6,454,156 pounds and \$1,548,997 47 taxes in the previous year.

In cigars, the year exhibits, both in Cincinnati and in Covington and Newport, a large season's work, though there was a reduction of production, which was confined to no particular part of the year. There were made in Cincinnati, during the year, 89,080,150 cigars, in comparison with 94,515,600 in 1877-78, and in Covington and Newport 8,235,650 cigars, compared with 8,504,675. The aggregate production, in the three cities, was 97,315,800 cigars, in comparison with 103,020,275 in 1877-78, a reduction of 5,704,475 cigars. In addition to these, there were manufactured, of cigarettes, in the three cities, 1,073,200, compared with 1,915,000 in 1878-79, making, in the aggregate, 98,389,000 cigars and cigarettes, in comparison with 104,935,275 in 1877-78. The total taxes paid on the two articles, in the three cities, were \$585,772 90, compared with \$621,472 90 in 1877-78.

The manufacturers of snuff, in Cincinnati (none was made in the Kentucky cities),

aggregated 15,924 $\frac{1}{4}$ pounds, on which taxes were paid amounting to \$4,191 82, compared with 15,262 $\frac{3}{8}$ pounds, and \$4,883 96 taxes, in 1877-78.

The aggregate taxes paid on chewing and smoking tobacco, cigars and snuff, for the year, in Cincinnati, was \$1,346,502 76, in comparison with \$1,621,460 38; and in Covington and Newport, \$648,808 41, compared with \$553,893 95, while the grand aggregate for the three cities exhibits, in these articles, taxes paid amounting to \$1,995,311 17, compared with \$2,175,354 33, showing a falling off in the revenue here, from tobacco, of \$180,043 16.

The desirableness of having a settled policy in the revenue, has been strikingly illustrated in the business of the wholesale dealers in tobacco, as well as in that of the manufacturers. During the fall and winter, business was very dull, the people buying only to meet immediate wants. After the new law went into operation, there was a very active market, which continued to the close of the year. It is a somewhat noticeable fact, however, that when the tax was absolutely reduced, the reduction did not, by any means, all reach the consumer, for, combined with the increased price of leaf tobacco, growing out of the reduced crop of 1878, which responded promptly to resist decline in the manufactured product, was also the fact that the higher taxes had been partly borne by the farmers, who now came in for a share of the reduction, so that the actual change in the price of manufactured tobacco was not in proportion to the change which had been made in the revenue. The demand for plug tobacco has been chiefly for the navy styles, and it is an encouraging feature to the western growers of the leaf, that the demand for tobacco made from the light colored leaf of this district is such that it has largely displaced the old tobaccos. The entire movement of manufactured tobacco, of all kinds, is shown in 263,707 packages received in 1878-79, compared with 195,572 packages in 1877-78, and 531,705 packages shipped, in comparison with 422,661. It is proper, however, to repeat what has been said in this connection—that a package of tobacco is an indefinite thing, and that the whole number of packages, either received or shipped, does not safely indicate the relation of the business of the several years.

The monthly receipts, offerings, rejections and sales, at the warehouses in this city, during the past two years, are shown in the following table, furnished by F. A. Prague, Esq.

| MONTHS. | 1878-79 | | | | | | | | 1877-78 | | | | | | | |
|---------------|-----------|-------|------------|-------|-------------|-------|--------|-------|-----------|-------|------------|-------|-------------|-------|--------|-------|
| | Receipts. | | Offerings. | | Rejections. | | Sales. | | Receipts. | | Offerings. | | Rejections. | | Sales. | |
| | Hhds | B'xes | Hhds | B'xes | Hhds | B'xes | Hhds | B'xes | Hhds | B'xes | Hhds | B'xes | Hhds | B'xes | Hhds | B'xes |
| September | 1,478 | 242 | 2,877 | 453 | 549 | 47 | 2,363 | 437 | 4,036 | 362 | 4,525 | 770 | 1,219 | 134 | 3,309 | 636 |
| October..... | 1,430 | 548 | 3,702 | 320 | 716 | 50 | 3,178 | 270 | 1,890 | 500 | 4,588 | 569 | 1,572 | 73 | 3,029 | 497 |
| November..... | 1,304 | 349 | 2,002 | 557 | 493 | 241 | 1,569 | 316 | 1,687 | 723 | 3,998 | 754 | 1,238 | 205 | 2,768 | 551 |
| December..... | 618 | 220 | 1,122 | 369 | 295 | 224 | 1,039 | 145 | 1,018 | 390 | 2,366 | 659 | 535 | 321 | 1,848 | 340 |
| January..... | 407 | 71 | 850 | 161 | 216 | 38 | 762 | 172 | 1,559 | 327 | 3,296 | 512 | 829 | 79 | 2,503 | 433 |
| February..... | 1,450 | 229 | 1,699 | 312 | 287 | 50 | 1,442 | 262 | 2,541 | 812 | 4,032 | 818 | 695 | 135 | 3,348 | 688 |
| March..... | 2,758 | 446 | 2,898 | 543 | 486 | 185 | 2,455 | 358 | 2,670 | 1,038 | 4,147 | 1,099 | 864 | 402 | 3,280 | 697 |
| April..... | 4,346 | 323 | 4,519 | 290 | 856 | 101 | 3,719 | 189 | 3,143 | 524 | 4,156 | 484 | 720 | 170 | 3,452 | 334 |
| May..... | 3,497 | 508 | 3,627 | 523 | 525 | 133 | 3,187 | 390 | 6,220 | 627 | 6,419 | 763 | 1,233 | 208 | 5,194 | 555 |
| June..... | 6,328 | 476 | 5,047 | 470 | 681 | 159 | 4,366 | 322 | 4,918 | 789 | 4,400 | 1,293 | 840 | 390 | 3,565 | 971 |
| July..... | 6,484 | 526 | 6,088 | 438 | 735 | 187 | 5,302 | 251 | 5,116 | 571 | 4,913 | 786 | 667 | 244 | 4,262 | 542 |
| August..... | 5,411 | 959 | 4,618 | 836 | 892 | 183 | 3,736 | 699 | 4,224 | 307 | 4,302 | 662 | 773 | 179 | 3,562 | 483 |
| Total..... | 35,511 | 4,932 | 38,999 | 5,272 | 6,721 | 1,598 | 33,149 | 3,811 | 39,022 | 6,970 | 51,142 | 9,171 | 11,192 | 2,540 | 40,140 | 6,727 |

Table showing the annual receipts, offerings and rejections, at the warehouses of this city, in a period of nine years, and the sales at the same, for seven years, each year ending August 31st:

| YEARS. | IMPORTS. | | OFFERINGS. | | REJECTIONS. | | SALES. | |
|---------------|----------|--------|------------|--------|-------------|--------|--------|--------|
| | Hhds. | Boxes. | Hhds. | Boxes. | Hhds. | Boxes. | Hhds. | Boxes. |
| 1870-71..... | 22,244 | 1,720 | 26,883 | 1,636 | 5,090 | 298 | ..... | ..... |
| 1871-72..... | 24,198 | 4,821 | 24,063 | 5,322 | 5,232 | 512 | ..... | ..... |
| 1872-73..... | 34,856 | 8,516 | 41,415 | 9,994 | 7,046 | 2,148 | ..... | ..... |
| 1872-73*..... | 35,482 | 8,874 | 41,609 | 10,024 | 7,061 | 2,356 | 34,548 | 7,668 |
| 1873-74..... | 38,043 | 6,843 | 40,660 | 8,063 | 6,633 | 1,906 | 34,036 | 6,157 |
| 1874-75..... | 23,663 | 3,915 | 29,309 | 9,260 | 6,427 | 2,188 | 24,242 | 7,965 |
| 1875-76..... | 30,439 | 6,481 | 34,902 | 9,837 | 7,610 | 2,366 | 27,573 | 7,651 |
| 1876-77..... | 34,133 | 8,121 | 41,936 | 10,097 | 8,522 | 2,182 | 34,743 | 8,240 |
| 1877-78..... | 39,022 | 6,970 | 51,142 | 9,171 | 11,192 | 2,540 | 40,140 | 6,727 |
| 1878-79..... | 35,511 | 4,932 | 38,990 | 5,272 | 6,721 | 1,598 | 33,149 | 3,811 |

* According to corrected returns.

Table showing the movement of tobacco, at Cincinnati, for thirty-four years:

| YEARS. | RECEIPTS. | | | SHIPMENTS. | | | YEARS. | RECEIPTS. | | | SHIPMENTS. | | |
|-----------|-----------|------------------------|--------------------------------------|------------|------------------------|--------------------------------------|---------|-----------|------------------------|--------------------------------------|------------|------------------------|--------------------------------------|
| | Leaf. | | Manu- factured, pack- ages. | Leaf. | | Manu- factured, pack- ages. | | Leaf. | | Manu- factured, pack- ages. | Leaf. | | Manu- factured, pack- ages. |
| | Hhds. | Boxes and bales. | | Hhds. | Boxes and bales. | | | Hhds. | Boxes and bales. | | Hhds. | Boxes and bales. | |
| 1845-46.. | 6,078 | 655 | 6,918 | 3,803 | ..... | 1,473 | 1862-63 | 33,261 | 6,981 | 31,683 | 29,736 | 6,492 | 65,457 |
| 1846-47.. | 6,200 | 822 | 9,241 | 6,011 | 273 | 9,718 | 1863-64 | 53,769 | 14,069 | 50,063 | 48,277 | 22,263 | 82,081 |
| 1847-48.. | 4,051 | 1,223 | 14,815 | 3,812 | 123 | 9,352 | 1864-65 | 54,359 | 7,447 | 22,807 | 51,869 | 12,971 | 45,965 |
| 1848-49.. | 3,471 | 1,311 | 22,463 | 3,309 | 126 | 7,497 | 1865-66 | 43,948 | 7,754 | 39,296 | 40,665 | 10,776 | 51,292 |
| 1849-50.. | 2,213 | 877 | 17,772 | 4,547 | 77 | 6,904 | 1866-67 | 64,350 | 424 | 37,796 | 57,069 | 13,493 | 45,587 |
| 1850-51.. | 3,701 | 1,697 | 19,945 | 2,865 | 106 | 18,345 | 1867-68 | 42,892 | 3,686 | 24,607 | 37,502 | 9,068 | 36,260 |
| 1851-52.. | 11,460 | 1,996 | 23,060 | 10,821 | 629 | 24,761 | 1868-69 | 89,978 | 4,758 | 26,545 | 36,810 | 6,143 | 36,862 |
| 1852-53.. | 7,881 | 2,478 | 48,201 | 6,902 | 1,341 | 31,867 | 1869-70 | 46,663 | 9,961 | 53,961 | 42,538 | 6,199 | 88,149 |
| 1853-54.. | 8,744 | 3,118 | 30,235 | 9,353 | 3,370 | 30,741 | 1870-71 | 56,283 | 9,083 | 61,497 | 50,541 | 2,493 | 110,652 |
| 1854-55.. | 5,209 | 2,312 | 24,802 | 4,968 | 3,807 | 26,077 | 1871-72 | 45,877 | 11,176 | 59,535 | 39,566 | 1,738 | 146,771 |
| 1855-56.. | 5,702 | 2,129 | 33,924 | 5,005 | 3,075 | 27,745 | 1872-73 | 61,876 | 5,278 | 89,650 | 59,169 | 4,897 | 174,749 |
| 1856-57.. | 4,837 | 2,663 | 40,994 | 4,084 | 5,823 | 34,298 | 1873-74 | 73,093 | 4,253 | 123,714 | 66,094 | 4,365 | 255,210 |
| 1857-58.. | 4,476 | 4,603 | 33,745 | 4,588 | 5,798 | 32,279 | 1874-75 | 45,234 | *10,915 | 114,925 | 43,249 | 8,776 | 217,392 |
| 1858-59.. | 5,828 | 6,871 | 56,330 | 4,493 | 5,598 | 45,080 | 1875-76 | 61,338 | *13,280 | 150,338 | 59,103 | 12,245 | 297,960 |
| 1859-60.. | 6,261 | 7,239 | 49,552 | 6,124 | 4,074 | 49,882 | 1876-77 | 71,217 | *17,423 | 190,445 | 68,759 | *11,700 | 365,148 |
| 1860-61.. | 14,148 | 7,001 | 35,455 | 14,232 | 3,971 | 42,141 | 1877-78 | 88,280 | *16,970 | 195,872 | 85,019 | *9,964 | 422,661 |
| 1861-62.. | 31,914 | 13,147 | 87,813 | 27,955 | 7,928 | 75,968 | 1878-79 | 78,137 | *15,932 | 263,707 | 69,220 | *8,477 | 531,706 |

* According to corrected returns.

| Stock on hand in warehouse unsold..... | Sept. 1, 1879. | | Sept. 1, 1878. | | Sept. 1, 1877. | | Sept. 1, 1876. | | Sept. 1, 1875. | | Sept. 1, 1874. | |
|--|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|
| | Hhds. | Boxes. | Hhds. | Boxes. | Hhds. | Boxes. | Hhds. | Boxes. | Hhds. | Boxes. | Hhds. | Boxes. |
| | 8,526 | 1,364 | 7,964 | 712 | 10,649 | 528 | 10,116 | 945 | 9,161 | 2,676 | 9,624 | 1,884 |

The monthly production of chewing (fine-cut and plug) and smoking tobacco, in this (Hamilton) county, together with the tax paid the Government on the same, for two years, will be seen from the following table, furnished by Amor Smith, Jr., Esq., Collector of Internal Revenue in the First Collection District of Ohio:

| MONTHS. | Chewing (Fine-Cut and Plug) Tobacco. | | | | Smoking Tobacco. | | | |
|-----------------|--------------------------------------|------------------|---------------|------------------|------------------|------------------|---------------|------------------|
| | 1878-79 | | 1877-78 | | 1878-79 | | 1877-78 | |
| | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. |
| August | 206,220 | \$49,492 80 | 238,064 | \$57,135 86 | 161,115 | \$38,656 60 | 175,347 1/2 | \$42,083 34 |
| September | 106,966 | 25,671 84 | 239,940 1/2 | 57,585 78 | 160,416 | 38,499 84 | 161,148 1/2 | 38,675 64 |
| October | 194,469 | 46,672 56 | 255,889 1/2 | 61,413 48 | 157,284 | 37,748 16 | 178,070 | 42,736 20 |
| November | 154,105 | 36,985 20 | 195,822 | 46,997 28 | 130,163 | 33,399 12 | 146,240 | 35,097 60 |
| December | 97,778 | 23,465 52 | 149,673 | 35,921 52 | 131,969 | 31,672 56 | 118,227 1/2 | 28,374 51 |
| January | 91,682 | 22,003 68 | 192,463 | 46,191 12 | 89,700 | 21,528 00 | 150,283 1/2 | 36,068 04 |
| February | 74,994 | 17,998 56 | 178,062 1/2 | 42,738 00 | 71,980 | 17,275 20 | 131,342 1/2 | 31,522 20 |
| March | 91,002 | 22,569 48 | 189,817 | 45,556 08 | 82,438 | 19,783 92 | 142,072 1/2 | 34,097 40 |
| April | 74,903 | 17,976 72 | 210,600 1/2 | 50,541 18 | 24,637 | 5,912 88 | 168,197 1/2 | 40,367 40 |
| May | 477,512 | 76,401 92 | 208,178 1/2 | 49,962 90 | 478,985 | 76,637 60 | 163,397 1/2 | 39,213 40 |
| June | 234,265 | 37,182 40 | 184,084 1/2 | 44,180 26 | 233,802 | 37,408 32 | 142,843 1/2 | 34,282 52 |
| July | 288,829 | 46,132 64 | 237,949 | 57,107 76 | 153,612 | 24,577 92 | 201,181 1/2 | 48,283 50 |
| Total | 2,095,220 | \$422,844 32 | 2,480,544 1/2 | \$595,330 72 | 1,885,096 | \$383,111 12 | 1,878,351 1/2 | \$450,804 55 |

Table showing the monthly production of chewing (fine-cut and plug) and smoking tobacco, in Covington, for two years, ending, in each case, July 31, as the same is shown by the tax paid the Government, together with the taxes paid on the same, the facts of which have been furnished by W. S. Holden, Esq., Collector of Internal Revenue for the Sixth Collection District of Kentucky:

| MONTHS. | Chewing (Fine-cut and Plug) Tobacco. | | | | Smoking Tobacco. | | | |
|-----------------|--------------------------------------|------------------|---------------|------------------|------------------|------------------|-------------|------------------|
| | 1878-79 | | 1877-78 | | 1878-79 | | 1877-78 | |
| | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. |
| August | 204,158 1/2 | \$18,998 04 | 194,023 1/2 | \$46,565 46 | 40,778 | \$9,796 72 | 23,230 1/2 | \$5,577 48 |
| September | 223,635 1/2 | 53,672 58 | 168,665 | 40,479 60 | 30,485 | 7,316 40 | 14,612 1/2 | 3,507 00 |
| October | 216,609 1/2 | 51,986 28 | 173,865 1/2 | 41,727 80 | 39,517 1/2 | 9,484 20 | 26,412 1/2 | 6,339 04 |
| November | 193,974 | 46,553 76 | 134,520 1/2 | 32,284 92 | 28,689 | 6,880 56 | 14,186 1/2 | 3,404 70 |
| December | 132,723 1/2 | 31,853 64 | 106,426 1/2 | 25,542 36 | 17,175 1/2 | 4,122 12 | 16,481 | 3,955 44 |
| January | 135,611 1/2 | 30,146 76 | 125,144 1/2 | 30,084 62 | 15,769 1/2 | 3,781 68 | 19,300 1/2 | 4,608 06 |
| February | 107,189 1/2 | 25,797 48 | 118,003 1/2 | 24,820 84 | 11,032 1/2 | 2,647 80 | 20,600 | 4,944 00 |
| March | 118,536 1/2 | 28,448 76 | 144,813 1/2 | 34,755 18 | 8,313 | 1,995 12 | 22,410 1/2 | 5,378 46 |
| April | 84,779 1/2 | 20,346 99 | 136,151 1/2 | 32,676 30 | 1,020 | 241 80 | 25,143 1/2 | 6,054 38 |
| May | 593,113 1/2 | 94,898 16 | 169,943 | 40,786 32 | 123,904 | 19,824 64 | 29,906 | 7,177 44 |
| June | 279,234 1/2 | 44,677 56 | 162,460 1/2 | 38,390 52 | 45,199 | 7,231 84 | 23,151 1/2 | 5,556 36 |
| July | 267,125 1/2 | 42,740 04 | 192,568 | 46,216 32 | 37,200 1/2 | 5,932 08 | 33,332 1/2 | 7,999 80 |
| Total | 2,546,991 1/2 | \$520,120 05 | 1,826,584 1/2 | \$438,380 24 | 399,063 1/2 | \$79,270 96 | 268,675 1/2 | \$64,482 16 |

Table showing the monthly production of cigars and cigarettes, in this (Hamilton) county, in two years, as the same is indicated by the taxes paid, together with the revenue derived by the Government for the respective periods:

| MONTHS. | 1878-79 | | | | 1877-78 | | | |
|----------------|-----------------------|------------------|-------------------|------------------|-----------------------|------------------|-------------------|------------------|
| | CIGARETTES. | | CIGARS. | | CIGARETTES. | | CIGARS. | |
| | Number of Cigarettes. | Value of Stamps. | Number of Cigars. | Value of Stamps. | Number of Cigarettes. | Value of Stamps. | Number of Cigars. | Value of Stamps. |
| August..... | 104,000 | \$182 00 | 8,366,175 | \$50,197 05 | 38,000 | \$66 50 | 8,410,400 | \$50,462 40 |
| September..... | 110,000 | 192 50 | 8,565,750 | 51,894 50 | 102,000 | 178 50 | 7,485,500 | 44,913 00 |
| October..... | 155,000 | 271 25 | 9,532,100 | 57,192 60 | 87,000 | 152 25 | 9,261,450 | 55,568 75 |
| November..... | 119,000 | 208 25 | 7,918,450 | 47,510 70 | 231,000 | 404 25 | 8,568,450 | 51,410 70 |
| December..... | 110,000 | 192 50 | 7,018,125 | 42,108 75 | 101,000 | 176 75 | 8,227,100 | 49,422 60 |
| January..... | 83,000 | 145 25 | 5,939,100 | 35,634 60 | 88,000 | 154 00 | 6,750,300 | 40,501 80 |
| February..... | 71,000 | 124 25 | 6,043,575 | 36,261 45 | 215,000 | 376 25 | 6,873,750 | 41,242 50 |
| March..... | 82,000 | 56 00 | 6,686,750 | 40,120 50 | 475,000 | 831 25 | 7,487,500 | 44,925 00 |
| April..... | 100,000 | 175 00 | 7,357,650 | 44,145 90 | 354,000 | 619 50 | 7,804,850 | 46,829 10 |
| May..... | 28,000 | 49 00 | 7,196,350 | 43,178 10 | 70,000 | 122 50 | 8,066,650 | 48,899 90 |
| June..... | 63,200 | 110 60 | 6,996,100 | 41,976 60 | 60,000 | 105 00 | 7,558,450 | 45,340 70 |
| July..... | 96,000 | 168 00 | 7,460,025 | 44,760 15 | 92,000 | 161 00 | 8,011,200 | 48,067 20 |
| Total..... | 1,071,200 | \$1,874 60 | 80,080,150 | \$534,180 90 | 1,913,000 | \$3,347 75 | 94,515,600 | \$567,093 60 |

Table showing the monthly production of snuff in this (Hamilton) county, in two years, as the same is indicated by the taxes paid, together with the revenue derived by the Government for the respective periods:

| MONTHS. | 1878-79 | | 1877-78 | | MONTHS. | 1878-79 | | 1877-78 | |
|----------------|---------|------------------|---------|------------------|------------|---------|------------------|---------|------------------|
| | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. | | Pounds. | Value of Stamps. | Pounds. | Value of Stamps. |
| August..... | 1,575 | \$504 00 | 1,563½ | \$500 24 | March..... | 1,130¼ | \$361 68 | 1,164½ | \$372 52 |
| September..... | 1,028¼ | 329 04 | 1,273 | 407 86 | April..... | 371¼ | 182 78 | 1,628 | 520 96 |
| October..... | 1,404¼ | 449 36 | 1,039¼ | 332 56 | May..... | 8,034 | 485 44 | 1,100½ | 352 16 |
| November..... | 1,238¼ | 396 24 | 1,037¼ | 347 92 | June..... | 1,105¼ | 176 84 | 1,278 | 407 36 |
| December..... | 1,388 | 444 16 | 1,320 | 422 40 | July..... | 1,510¼ | 241 64 | 954½ | 308 64 |
| January..... | 904 | 289 28 | 1,058½ | 338 64 | Total..... | 15,924¼ | \$4,191 82 | 15,262½ | \$4,883 96 |
| February..... | 1,035½ | 331 36 | 1,791½ | 573 20 | | | | | |

Table showing the total monthly production of cigars and cigarettes, in two years, each year ending July 31st, in Covington and Newport, Kentucky, as the same is shown by the tax paid the Government, together with the taxes paid on the same:

| MONTHS. | CIGARETTES. | | | | CIGARS. | | | |
|----------------|-------------|------------------|---------|------------------|-----------|------------------|-----------|------------------|
| | 1878-79 | | 1877-78 | | 1878-79 | | 1877-78 | |
| | Number. | Value of Stamps. | Number. | Value of Stamps. | Number. | Value of Stamps. | Number. | Value of Stamps. |
| August..... | ..... | ..... | ..... | ..... | 818,575 | \$4,911 45 | 776,150 | \$4,656 90 |
| September..... | ..... | ..... | ..... | ..... | 857,300 | 5,025 80 | 842,050 | 5,052 20 |
| October..... | ..... | ..... | 1,000 | \$1 75 | 890,600 | 5,343 60 | 739,625 | 4,437 75 |
| November..... | 1,000 | \$1 75 | ..... | ..... | 739,600 | 4,437 60 | 698,675 | 4,192 05 |
| December..... | ..... | ..... | ..... | ..... | 757,525 | 4,545 15 | 710,350 | 4,262 10 |
| January..... | ..... | ..... | ..... | ..... | 553,750 | 3,322 50 | 626,975 | 3,761 85 |
| February..... | ..... | ..... | 1,000 | 1 75 | 613,550 | 3,681 30 | 592,075 | 3,552 45 |
| March..... | ..... | ..... | ..... | ..... | 612,200 | 3,673 20 | 643,525 | 3,861 15 |
| April..... | 1,000 | 1 75 | ..... | ..... | 622,175 | 3,733 05 | 639,675 | 3,858 05 |
| May..... | ..... | ..... | ..... | ..... | 582,325 | 3,498 05 | 404,375 | 4,442 25 |
| June..... | ..... | ..... | ..... | ..... | 616,200 | 3,697 20 | 722,825 | 4,336 05 |
| July..... | ..... | ..... | ..... | ..... | 591,850 | 3,551 10 | 772,375 | 4,634 25 |
| Totals..... | 2,000 | \$3 50 | 2,000 | \$3 50 | 8,225,650 | \$49,413 90 | 8,504,675 | \$51,028 05 |

WHISKY.

There has been no year, in a long period, in which the general condition of the business of Cincinnati, in whisky, has been so favorable as during the past year. Even when larger profits have been made, it has been at times when conditions were abnormal, and when present benefits were enjoyed at the expense of future demoralization and losses. The past year, mainly, has been one of healthfulness to the business. There has been rest from apprehension as to the faithfulness of the collection of the taxes. Honestly conducted business has been placed at no disadvantage, and the business has been free from agitation as to material modification in the revenue laws. The manufacturers and trade, generally, have adapted their business to the present rates of internal taxes, and however much they may have deprecated the change in the law in 1875, which increased taxation to ninety cents per gallon, and believe yet it was unwise, there appears a general conviction that what the business now most needs is to be permitted to work out its own problems, without attempting, at present, to further modify the rates of taxation. The general feeling, too, that this will be the policy of the Government, has done, and is doing, much to encourage all concerned in the prosecution of this business with vigor. Production, during the year, has been materially increased, both in Cincinnati proper and in the adjacent Kentucky cities. Each month in the year, save in November, has witnessed an increase in the production of distilled spirits. Prices were not remunerative to the highwine producers during the whole period, but compensation was found in the improved condition during the latter part of the year. The depression growing out of overproduction, which was seriously apparent in the preceding year, reached somewhat into the new year, and continued more or less to affect the condition of the trade, until the indications of an improvement in the general business of the country became apparent. In the later months of the year, there was an improved inquiry for all classes of goods. The demand for continuously distilled goods, at times, was beyond the supply, and notwithstanding an increased production, there was nothing, after the reaction set in, which was pressing on the market, the generally increased demand on the one hand, and the larger exportation of alcohol to foreign countries, which was taking just so much from the regular supplies, on the other, having relieved the market from all tendencies to demoralization, and given the trade faith and strength it had not experienced in a long time. Profits, however, in the main, have been slender, and these have been reduced the more by the general introduction of continuously distilled goods, which has opened a multitude of channels for competition, in what is known as finished goods, which did not exist under the old methods of a complete separation of the business of distillation from that of redistillation, the trade generally by no means having been convinced that the present process of continuous distillation, however generally it may have been embraced, was a step in the direction of the largest good to the business. A noticeable feature was the largely increased demand in the latter part of the year for Bourbon and rye whiskies. By the close of the commercial year there was, in first hands, nothing left of the production of 1877, while little remained of the whiskies of these classes of 1878. As a natural consequence, prices have ruled relatively higher than other kinds of goods of this nature. The year closed in the midst of general improvement in all departments of production. Better prices, larger demand, increased promptness in the payment of debts on the part of customers, and a larger proportion of cash purchases, all came to give promise in the future of much better times.

Though the later months of the commercial year showed a steady increase in price of highwines, low rates prevailed in the spring and early summer, the market price, from March to May, inclusive, having been above \$1 02 per gallon on but two days. The market, during this period of low values, ranged from \$1 01 to \$1 02, with the exception above alluded to, and of a single day late in March, when highwines touched

\$1 00 per gallon. The average price for the whole year was \$1 03.5 per gallon, compared with \$1 04.4 in 1877-78, \$1 06.6 in 1876-77, and \$1 09 in 1875-76. The average monthly market price, based on the daily quotations of the Chamber of Commerce, for two years, were as follows:

| | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | | 1878-79 | 1877-78 |
|----------------|---------|-----------|---------------|-----------|----------|-------------|-----------|-----------|
| September..... | \$1 06 | \$1 08.64 | January..... | \$1 02.76 | \$1 02.8 | May..... | \$1 01.32 | \$1 02.81 |
| October..... | 1 07.30 | 1 07.11 | February..... | 1 02.43 | 1 03.29 | June..... | 1 01.72 | 1 03.76 |
| November..... | 1 05.12 | 1 05.72 | March..... | 1 01.80 | 1 02.38 | July..... | 1 04 | 1 04.42 |
| December..... | 1 04 | 1 04.62 | April..... | 1 01.41 | 1 02.56 | August..... | 1 04.45 | 1 04.75 |

The aggregate production in 1878-79, of distilled spirits, embracing both highwines and continuously distilled goods, in Hamilton county (Cincinnati), according to figures furnished by Amor Smith, Jr., Esq., Collector of Internal Revenue in the First Collection District of Ohio, was 10,423,551.21 proof gallons, compared with 8,598,963.71 in 1877-78, showing an increase of 1,824,587.50, or over 21 per cent. In Covington, Newport and Petersburg, which legitimately belong to Cincinnati, the production in 1878-79, according to the figures of W. S. Holden, Esq., Collector for the Sixth Kentucky District, was 2,261,371.59 proof gallons, in comparison with 1,793,551.38 in the previous year, exhibiting an increase of 467,820.21, or an increase of 26 per cent. The aggregate production in the four places was 12,684,922.80 gallons, in comparison with 10,392,515.09 gallons in 1877-78, indicating a gain of 2,292,407.71 gallons, or over 22 per cent.

The gallon tax paid in Hamilton County (Cincinnati), for the year ending July 31, 1879, was \$8,794,161 90, compared with \$7,507,742 80 in the preceding year. In the Sixth Kentucky District, the gallon taxes paid for the late year reached \$2,167,839, in comparison with \$1,182,170 53 in 1877-78, an aggregate gain in the two districts of \$1,572,087 57. The gallon and all other stamp taxes paid in the two districts, on whisky, for the past year, aggregated \$11,031,598 91, in comparison with \$9,446,645 23 in 1877-78, showing a gain in the revenue of \$1,584,953 68.

As was indicated in the report of last year, it is no longer possible to arrive at the relation which redistillation sustains to previous years, because of the changes which have been wrought by the introduction of continuous distillation. Before this process was introduced, the highwines were made by one class of manufacturers, and the rectified goods by another. Now, substantially, they are largely made by the same manufacturers, and the continuous spirits, which largely represent products that formerly appeared under the head of redistilled goods, are merged in the reports to the Government, so that they can not be separated from the highwine products. This much, however, is apparent, that the business of rectification, in the most general sense of the term, which reaches rectifying, purifying, distilling, mixing, compounding, etc., has not, according to the revenue returns, diminished, but has, in the aggregate, in Cincinnati and the adjacent cities, considerably increased. The spirits returned to the Collector, under the head of rectified goods for 1878-79, aggregated, in Cincinnati, 8,907,735.45 proof gallons, in comparison with 9,051,850.14, showing a reduction of 144,114.69 gallons. In Covington and Newport the spirits so returned aggregated 4,001,816.49 gallons, compared with 3,020,633.31, showing a gain of 981,183.18 gallons. The total quantity in the three cities for 1878-79 was 12,909,551.94 gallons, compared with 12,072,483.45, exhibiting a gain of 837,068.49 gallons, or an increase of about 7 per cent., and an increase over 1876-77 of 1,465,671.24 gallons. These figures, however, do not show the extent of the spirits which pass beyond the stage of highwines. The continuous goods are now as much an article of commerce as any other specific article, and are largely shipped from this city to various parts of the country, where they are mixed, compounded, etc., and appear in the revenue returns of the locality in which they undergo the change. These general statements give some idea of the magnitude of this business in Cincinnati and its immediate vicinity, and yet they do not tell the whole story of the extent, nor the scope of the business transacted. To the figures which represent production, aggregating 12,684,922.80 gallons, should be added the receipts of distilled goods from other localities, not

within the limits embraced by the revenue returns. The whole quantity received by public conveyances, in the past year, was 173,450 barrels. From this, however, should be deducted such as may have been comprised in the foregoing revenue returns. This would make the aggregate receipts from localities beyond the limits named 6,660,368 gallons, which would swell the production and receipts to 19,345,290 gallons, with an approximate aggregate value of \$22,271,386. These figures do not embrace the value which is added here by redistillation, mixing, compounding, etc., which would materially swell the aggregate value.

With the production in this and tributary cities swelling to such proportions as these, the inquiry naturally arises as to the extent and nature of the distribution of a product figuring so extensively, not only in actual production, but in revenue. It is not possible to arrive at more than an approximation in gallons, but there were shipped from this city in the past year 397,816 barrels of whisky. If to these figures were added the shipments of alcohol, which were the equivalent of 25,550 barrels of whisky in the past year, it would swell the shipments to the equivalent of 423,366 barrels of whisky, making an increase over the previous year of the equivalent of fully 50,000 barrels. These shipments are made to every city and almost every community in the United States.

Table showing the number of proof gallons of spirits rectified, monthly, in Cincinnati, Covington and Newport, in three years, each year ending July 31 :

| MONTHS. | CINCINNATI. | | | COVINGTON AND NEWPORT. | | |
|----------------|---------------|---------------|---------------|------------------------|---------------|---------------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| | Proof Gallons | Proof Gallons | Proof Gallons | Proof Gallons | Proof Gallons | Proof Gallons |
| August | 774,903.58 | 814,054.74 | 690,055.65 | 242,358.18 | 209,056.68 | 210,206.30 |
| September..... | 771,405.88 | 968,843.82 | 857,053.79 | 251,814.07 | 251,999.08 | 261,599.80 |
| October..... | 929,485.14 | 1,013,001.72 | 921,191.15 | 331,329.07 | 296,046.08 | 223,650.08 |
| November..... | 983,442.45 | 930,380.99 | 853,852.56 | 348,681.90 | 285,005.12 | 278,843.95 |
| December..... | 910,407.82 | 901,666.94 | 913,840.82 | 365,517.21 | 270,273.49 | 268,907.58 |
| January..... | 705,248.09 | 600,024.35 | 819,439.23 | 396,961.42 | 214,401.14 | 243,568.32 |
| February..... | 647,860.61 | 630,533.93 | 690,955.53 | 381,909.23 | 255,676.70 | 206,106.40 |
| March..... | 670,447.90 | 631,029.53 | 687,159.02 | 321,213.04 | 317,811.07 | 234,262.93 |
| April..... | 589,043.15 | 649,707.44 | 625,885.21 | 326,717.73 | 244,156.25 | 246,081.93 |
| May..... | 607,555.54 | 591,749.70 | 572,169.94 | 360,056.70 | 216,851.71 | 174,969.58 |
| June..... | 617,887.09 | 597,724.02 | 526,651.70 | 318,925.82 | 227,916.58 | 174,400.27 |
| July..... | 667,047.90 | 660,132.96 | 562,956.08 | 359,332.12 | 231,439.38 | 200,092.58 |
| Totals..... | 8,907,735.45 | 9,051,850.14 | 8,721,250.68 | 4,001,816.49 | 3,020,633.31 | 2,722,630.02 |

Table showing the average annual price, per gallon, of proof whisky, at Cincinnati, for twenty-four years :

| | | | |
|----------------------|----------------------------|---------------------|----------------------|
| 1855-56.....\$0 21.4 | 1861-62.....\$0 18.25 | 1867-68.....nominal | 1873-74.....\$0 92.8 |
| 1856-57.....25.7 | 1862-63.....37.6 | 1868-69.....\$1 01 | 1874-75.....1 04.4 |
| 1857-58.....17.6 | 1863-64.....1 02.5 | 1869-70.....98.5 | 1875-76.....1 09 |
| 1858-59.....23.25 | 1864-65.....2 01 | 1870-71.....87.25 | 1876-77.....1 06.6 |
| 1859-60.....20 | 1865-66.....2 24.5 | 1871-72.....87.62 | 1877-78.....1 04.4 |
| 1860-61.....14.4 | 1866-67 (in bond).....29.5 | 1872-73.....88.75 | 1878-79.....1 03.5 |

NOTE.—In order to understand these averages, with the great disparity which is apparent, it must be remembered that from September, 1862, to the present time, internal revenue taxes have been imposed by the General Government, ranging from twenty cents to two dollars per gallon. By an Act of Congress, of July 20, 1868, the tax was reduced from two dollars per gallon to fifty cents. Additional charges were provided for by an Act for the reduction of the gallon tax, which, according to figures heretofore given, made the whole tax on a gallon of whisky here about 63.47 cents. The law was again changed, so that on and after August 1st, 1872, there was a uniform tax of seventy cents per gallon, which was all the tax that was imposed, excepting a stamp of the denomination of ten cents, which had to be placed on each barrel when gauged. On March 4th, 1875, a new Act went into operation, changing the uniform tax from seventy to ninety cents per gallon, and making it necessary, as before, to have a stamp of the denomination of ten cents on each barrel.

Table showing the actual monthly production of distilled spirits in the First Collection District of Ohio (Cincinnati) in four years, and Covington, Newport and Petersburg, Kentucky, for two years, each year ending July 31st:

| MONTHS. | DISTILLED SPIRITS PRODUCED. | | | | | |
|----------------|---------------------------------------|----------------|----------------|----------------|------------------------------------|----------------|
| | First District of Ohio, (Cincinnati.) | | | | Covington, Newport and Petersburg. | |
| | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1878-79 | 1877-78 |
| | Proof Gallons. | Proof Gallons. | Proof Gallons. | Proof Gallons. | Proof Gallons. | Proof Gallons. |
| August | 620,865.44 | 431,634.36 | 555,446.41 | 515,619.08 | 142,922.90 | 132,641.01 |
| September..... | 703,677.75 | 809,400.18 | 583,110.52 | 664,805.65 | 143,684.56 | 153,360.61 |
| October..... | 917,233.52 | 878,175.50 | 836,565.73 | 742,253.56 | 191,152.46 | 168,030.41 |
| November..... | 1,043,981.77 | 816,960.28 | 900,913.6 | 801,827.45 | 202,206.08 | 156,466.09 |
| December..... | 1,051,111.14 | 817,094.45 | 859,765.31 | 857,637.66 | 204,008.31 | 135,773.59 |
| January..... | 987,463.47 | 783,648.70 | 959,383.76 | 862,438.03 | 215,993.83 | 143,146.42 |
| February..... | 890,851.86 | 668,390.12 | 772,746.08 | 819,473.19 | 204,782.17 | 146,767.50 |
| March..... | 955,842.20 | 726,553.61 | 906,269.16 | 864,155.95 | 198,999.89 | 163,921.57 |
| April..... | 933,063.67 | 747,467.60 | 753,012.62 | 797,841.55 | 211,248.66 | 170,533.46 |
| May..... | 881,206.84 | 710,950.39 | 617,771.48 | 609,502.28 | 215,820.34 | 155,722.04 |
| June..... | 736,739.74 | 615,865.03 | 376,010.62 | 503,407.16 | 157,731.76 | 147,055.32 |
| July..... | 701,514.81 | 562,823.49 | 332,667.09 | 478,875.12 | 172,820.63 | 120,463.36 |
| Totals | 10,423,551.21 | 8,598,963.71 | 8,453,611.68 | 8,517,836.68 | 2,261,371.59 | 1,793,551.58 |

†Table showing the price, per gallon, of proof whisky, in Cincinnati, on each Tuesday, in five years:

| DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | DATES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 |
|----------------|---------|---------|---------|---------|---------|-------------|---------|---------|---------|---------|---------|
| September 3... | \$1 06 | \$1 09 | \$1 07 | \$1 19 | \$1 00 | March 4... | \$1 02 | \$1 03 | \$1 05 | \$1 04 | \$1 10 |
| 10... | 1 06 | 1 09 | 1 07 | 1 15 | 1 00 | 11... | 1 02 | 1 03 | 1 03 | 1 05 | 1 12 |
| 17... | 1 06 | 1 10 | 1 07 | 1 15 | 1 02 | 18... | 1 02 | 1 02 | 1 04 | 1 05 | 1 10 |
| 24... | 1 06 | 1 08 | 1 09 | 1 11 | 1 03 | 25... | 1 02 | 1 02 | 1 03 | 1 07 | 1 12 |
| October 1... | 1 06 | 1 06 | 1 09 | 1 13 | 1 03 | April 1... | †..... | 1 02 | 1 04 | 1 05 | 1 11 |
| 8... | *..... | 1 08 | *..... | 1 13 | 98 | 8... | 1 02 | 1 03 | 1 04 | 1 06 | 1 11 |
| 15... | 1 08 | 1 08 | 1 10 | 1 13 | 97 | 15... | 1 02 | 1 03 | 1 05 | 1 07 | 1 12 |
| 22... | 1 08 | 1 07 | 1 11 | 1 13 | 99 | 22... | 1 01 | 1 02 | 1 06 | 1 07 | 1 14 |
| 29... | 1 08 | 1 07 | 1 07 | 1 13 | 96 | 29... | 1 01 | 1 02 | 1 09 | 1 07 | 1 14 |
| November 5... | 1 06 | 1 07 | *..... | 1 10 | 96 | May 6... | 1 01 | 1 03 | 1 08 | 1 07 | 1 16 |
| 12... | 1 04 | 1 05 | 1 06 | 1 11 | 98 | 13... | 1 02 | 1 03 | 1 06 | 1 07 | 1 15 |
| 19... | 1 04 | 1 05 | 1 06 | 1 11 | 99 | 20... | 1 02 | 1 03 | 1 07 | 1 07 | 1 15 |
| 26... | 1 05 | 1 05 | 1 05 | 1 10 | 98 | 27... | 1 02 | 1 03 | 1 06 | 1 07 | 1 13 |
| December 3... | 1 04 | 1 05 | 1 05 | 1 09 | 97 | June 3... | 1 01 | 1 03 | 1 07 | 1 07 | 1 16 |
| 10... | 1 03 | 1 05 | 1 06 | 1 11 | 96 | 10... | 1 02 | 1 03 | 1 07 | 1 07 | 1 15 |
| 17... | 1 05 | 1 05 | 1 07 | 1 11 | 97 | 17... | 1 01 | 1 04 | 1 07 | 1 10 | 1 15 |
| 24... | 1 05 | *..... | 1 07 | 1 09 | 95 | 24... | 1 02 | 1 05 | 1 08 | 1 10 | 1 15 |
| 31... | 1 03 | *..... | 1 05 | 1 06 | 94 | July 1... | 1 03 | 1 05 | 1 08 | ..... | 1 14 |
| January 7... | 1 03 | 1 03 | 1 07 | 1 08 | 92 | 8... | 1 04 | 1 05 | 1 08 | 1 10 | 1 15 |
| 14... | 1 03 | 1 03 | 1 06 | 1 07 | 94 | 15... | 1 04 | 1 05 | 1 06 | 1 10 | 1 16 |
| 21... | 1 02 | 1 03 | 1 05 | 1 07 | 94 | 22... | 1 05 | 1 04 | 1 08 | 1 10 | 1 16 |
| 28... | 1 03 | 1 03 | 1 05 | 1 05 | 94 | 29... | 1 03 | 1 03 | 1 08 | 1 10 | 1 17 |
| February 4... | 1 02 | 1 03 | 1 05 | 1 06 | 1 02 | August 5... | 1 03 | 1 04 | 1 08 | 1 10 | 1 18 |
| 11... | 1 02 | 1 03 | 1 05 | 1 05 | 1 05 | 12... | 1 04 | 1 04 | 1 08 | 1 10 | 1 18 |
| 18... | 1 05 | 1 04 | 1 05 | ..... | 1 05 | 19... | 1 05 | 1 05 | 1 10 | 1 10 | 1 19 |
| 25... | 1 03 | 1 03 | 1 06 | 1 05 | †..... | 26... | 1 06 | 1 06 | 1 10 | 1 10 | 1 19 |

* No session of the Chamber. † No sales.

† These quotations, for years preceding 1878-79, may not necessarily fall on the precise date named here, although the quotation is for each Tuesday. For daily data in 1878-79, see daily table.

Table showing the daily market price, per proof gallon, for whisky, at Cincinnati, for the year ending August 31, 1879:

| DATES. | Price. | DATES. | Price. | DATES. | Price. | DATES. | Price. | DATES. | Price. |
|--------------|--------|--------------|--------|--------------|--------|--------------|--------|---------------|--------|
| Sept. 1..... | ..... | Nov. 13..... | \$1 04 | Jan. 25..... | \$1 03 | April 8..... | \$1 02 | June 20..... | \$1 01 |
| 2..... | \$1 06 | 14..... | 1 04 | 26..... | ..... | 9..... | 1 01 | 21..... | 1 01 |
| 3..... | 1 06 | 15..... | 1 04 | 27..... | 1 03 | 10..... | 1 01 | 22..... | 1 01 |
| 4..... | 1 06 | 16..... | 1 04 | 28..... | 1 03 | 11..... | 1 01 | 23..... | 1 01 |
| 5..... | 1 06 | 17..... | ..... | 29..... | 1 02 | 12..... | 1 01 | 24..... | 1 02 |
| 6..... | 1 06 | 18..... | 1 04 | 30..... | 1 02 | 13..... | ..... | 25..... | 1 02 |
| 7..... | 1 06 | 19..... | 1 04 | 31..... | 1 02 | 14..... | 1 02 | 26..... | 1 02 |
| 8..... | ..... | 20..... | 1 05 | Feb. 1..... | 1 02 | 15..... | 1 02 | 27..... | 1 03 |
| 9..... | 1 06 | 21..... | 1 05 | 2..... | ..... | 16..... | 1 02 | 28..... | 1 03 |
| 10..... | 1 06 | 22..... | 1 05 | 3..... | 1 02 | 17..... | 1 02 | 29..... | ..... |
| 11..... | 1 06 | 23..... | 1 05 | 4..... | 1 02 | 18..... | 1 02 | 30..... | 1 03 |
| 12..... | 1 06 | 24..... | ..... | 5..... | 1 02 | 19..... | 1 01 | July 1..... | 1 03 |
| 13..... | * | 25..... | 1 06 | 6..... | 1 02 | 20..... | ..... | 2..... | 1 03 |
| 14..... | 1 06 | 26..... | 1 05 | 7..... | 1 01 | 21..... | 1 01 | 3..... | 1 04 |
| 15..... | ..... | 27..... | 1 05 | 8..... | 1 02 | 22..... | 1 01 | 4..... | * |
| 16..... | 1 06 | 28..... | * | 9..... | ..... | 23..... | 1 01 | 5..... | * |
| 17..... | 1 06 | 29..... | 1 05 | 10..... | 1 02 | 24..... | 1 01 | 6..... | ..... |
| 18..... | 1 06 | 30..... | 1 05 | 11..... | 1 02 | 25..... | 1 01 | 7..... | 1 04 |
| 19..... | 1 06 | Dec 1..... | ..... | 12..... | 1 02 | 26..... | 1 01 | 8..... | 1 01 |
| 20..... | 1 06 | 2..... | 1 05 | 13..... | 1 02 | 27..... | ..... | 9..... | 1 04 |
| 21..... | 1 06 | 3..... | 1 04 | 14..... | 1 02 | 28..... | 1 01 | 10..... | 1 04 |
| 22..... | ..... | 4..... | 1 04 | 15..... | 1 02 | 29..... | 1 01 | 11..... | 1 04 |
| 23..... | 1 06 | 5..... | 1 04 | 16..... | ..... | 30..... | 1 01 | 12..... | 1 01 |
| 24..... | 1 06 | 6..... | 1 03 | 17..... | 1 03 | May 1..... | 1 01 | 13..... | ..... |
| 25..... | 1 06 | 7..... | 1 03 | 18..... | 1 03 | 2..... | 1 01 | 14..... | 1 01 |
| 26..... | 1 06 | 8..... | ..... | 19..... | 1 03 | 3..... | 1 01 | 15..... | 1 04 |
| 27..... | 1 06 | 9..... | 1 03 | 20..... | 1 03 | 4..... | ..... | 16..... | 1 04 |
| 28..... | 1 06 | 10..... | 1 03 | 21..... | 1 04 | 5..... | 1 01 | 17..... | 1 04 |
| 29..... | ..... | 11..... | 1 04 | 2..... | * | 6..... | 1 01 | 18..... | 1 05 |
| 30..... | 1 06 | 12..... | 1 04 | 23..... | 1 03 | 7..... | 1 01 | 19..... | 1 05 |
| Oct. 1..... | 1 06 | 13..... | 1 04 | 24..... | 1 03 | 8..... | 1 01 | 20..... | ..... |
| 2..... | 1 06 | 14..... | 1 05 | 25..... | 1 03 | 9..... | 1 01 | 21..... | 1 05 |
| 3..... | 1 06 | 15..... | 1 05 | 26..... | 1 03 | 10..... | 1 01 | 22..... | 1 05 |
| 4..... | 1 06 | 16..... | 1 05 | 27..... | 1 03 | 11..... | ..... | 23..... | 1 05 |
| 5..... | 1 06 | 17..... | 1 05 | 28..... | 1 03 | 12..... | 1 02 | 24..... | 1 05 |
| 6..... | ..... | 18..... | 1 05 | March 1..... | 1 03 | 13..... | 1 01 | 25..... | 1 04 |
| 7..... | 1 06 | 19..... | 1 05 | 2..... | ..... | 14..... | 1 01 | 26..... | 1 04 |
| 8..... | * | 20..... | 1 05 | 3..... | 1 03 | 15..... | 1 01 | 27..... | ..... |
| 9..... | 1 06 | 21..... | 1 05 | 4..... | 1 02 | 16..... | 1 02 | 28..... | 1 05 |
| 10..... | 1 07 | 22..... | ..... | 5..... | 1 02 | 17..... | 1 02 | 29..... | 1 03 |
| 11..... | 1 07 | 23..... | 1 05 | 6..... | 1 02 | 18..... | ..... | 30..... | 1 03 |
| 12..... | 1 07 | 24..... | 1 05 | 7..... | 1 02 | 19..... | 1 02 | 31..... | 1 03 |
| 13..... | ..... | 25..... | * | 8..... | 1 02 | 20..... | 1 02 | August 1..... | 1 08 |
| 14..... | 1 07 | 26..... | 1 02 | 9..... | ..... | 21..... | 1 01 | 2..... | † |
| 15..... | 1 08 | 27..... | 1 03 | 10..... | 1 02 | 22..... | 1 01 | 3..... | ..... |
| 16..... | 1 08 | 28..... | 1 03 | 11..... | 1 02 | 23..... | † | 4..... | 1 03 |
| 17..... | 1 08 | 29..... | ..... | 12..... | 1 02 | 24..... | 1 01 | 5..... | 1 03 |
| 18..... | 1 08 | 30..... | 1 03 | 13..... | 1 02 | 25..... | ..... | 6..... | 1 03 |
| 19..... | 1 08 | 31..... | 1 03 | 14..... | 1 02 | 26..... | 1 01 | 7..... | 1 03 |
| 20..... | ..... | Jan. 1..... | * | 15..... | 1 02 | 27..... | 1 02 | 8..... | 1 03 |
| 21..... | 1 08 | 2..... | 1 03 | 16..... | ..... | 28..... | 1 02 | 9..... | 1 03 |
| 22..... | 1 08 | 3..... | 1 02 | 17..... | 1 02 | 29..... | 1 02 | 10..... | ..... |
| 23..... | 1 08 | 4..... | 1 03 | 18..... | 1 02 | 30..... | * | 11..... | 1 03 |
| 24..... | 1 08 | 5..... | ..... | 19..... | 1 02 | 31..... | 1 01 | 12..... | 1 04 |
| 25..... | 1 08 | 6..... | 1 03 | 20..... | 1 01 | June 1..... | ..... | 13..... | 1 04 |
| 26..... | 1 03 | 7..... | 1 03 | 21..... | 1 01 | 2..... | 1 01 | 14..... | 1 05 |
| 27..... | ..... | 8..... | 1 03 | 22..... | 1 01 | 3..... | 1 01 | 15..... | 1 05 |
| 28..... | 1 08 | 9..... | 1 03 | 23..... | ..... | 4..... | 1 01 | 16..... | 1 05 |
| 29..... | 1 08 | 10..... | 1 03 | 24..... | 1 02 | 5..... | 1 02 | 17..... | ..... |
| 30..... | 1 08 | 11..... | 1 03 | 25..... | 1 02 | 6..... | 1 02 | 18..... | 1 05 |
| 31..... | 1 08 | 12..... | 1 02 | 26..... | 1 02 | 7..... | 1 02 | 19..... | 1 05 |
| Nov. 1..... | 1 08 | 13..... | 1 03 | 27..... | 1 02 | 8..... | ..... | 20..... | 1 05 |
| 2..... | 1 07 | 14..... | 1 03 | 28..... | 1 01 | 9..... | 1 02 | 21..... | 1 05 |
| 3..... | ..... | 15..... | 1 03 | 29..... | 1 00 | 10..... | 1 02 | 22..... | 1 05 |
| 4..... | 1 07 | 16..... | 1 03 | 30..... | ..... | 11..... | 1 02 | 23..... | 1 05 |
| 5..... | 1 06 | 17..... | 1 03 | 31..... | 1 01 | 12..... | 1 02 | 24..... | ..... |
| 6..... | 1 06 | 18..... | 1 03 | April 1..... | † | 13..... | 1 02 | 25..... | 1 06 |
| 7..... | 1 06 | 19..... | ..... | 2..... | 1 02 | 14..... | 1 02 | 26..... | 1 06 |
| 8..... | 1 06 | 20..... | 1 03 | 3..... | 1 02 | 15..... | ..... | 27..... | 1 06 |
| 9..... | 1 05 | 21..... | 1 02 | 4..... | 1 02 | 16..... | 1 01 | 28..... | 1 06 |
| 10..... | ..... | 22..... | 1 02 | 5..... | 1 02 | 17..... | 1 01 | 29..... | 1 06 |
| 11..... | 1 04 | 23..... | 1 03 | 6..... | ..... | 18..... | 1 01 | 30..... | † |
| 12..... | 1 04 | 24..... | 1 03 | 7..... | * | 19..... | 1 01 | 31..... | ..... |

* No session of the Chamber.

† No sales.

Table showing the weekly movement of whisky, at Cincinnati, for two years :

| DATES. | RECEIPTS. | | SHIPMENTS. | | DATES. | RECEIPTS. | | SHIPMENTS. | |
|------------------|-----------|---------|------------|---------|--------------|-----------|---------|------------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 7..... | 4,296 | 3,116 | 7,825 | 8,517 | March 8..... | 3,598 | 5,038 | 6,997 | 7,091 |
| 14..... | 2,581 | 4,316 | 7,392 | 7,899 | 15..... | 3,541 | 3,152 | 7,861 | 6,337 |
| 21..... | 2,700 | 4,241 | 6,916 | 7,970 | 22..... | 3,603 | 3,199 | 6,854 | 6,329 |
| October 5..... | 2,772 | 3,709 | 7,426 | 8,961 | 29..... | 2,691 | 2,688 | 7,220 | 5,973 |
| 12..... | 3,002 | 3,391 | 8,263 | 9,257 | 5..... | 3,203 | 3,113 | 6,066 | 6,114 |
| 19..... | 3,546 | 3,437 | 7,407 | 8,051 | 12..... | 2,916 | 3,443 | 7,315 | 6,205 |
| 26..... | 3,214 | 3,350 | 8,737 | 8,446 | 19..... | 3,356 | 3,234 | 6,516 | 6,129 |
| November 2..... | 3,892 | 3,524 | 8,630 | 7,566 | 26..... | 2,913 | 2,260 | 5,960 | 5,505 |
| 9..... | 4,664 | 3,555 | 9,021 | 8,199 | 3..... | 3,889 | 3,448 | 7,169 | 6,846 |
| 16..... | 4,274 | 3,318 | 9,837 | 8,410 | 10..... | 3,292 | 3,207 | 7,750 | 5,901 |
| 23..... | 4,335 | 3,461 | 9,630 | 8,603 | 17..... | 2,744 | 3,477 | 6,443 | 5,457 |
| 30..... | 4,087 | 1,529 | 8,847 | 9,001 | 24..... | 2,818 | 2,482 | 6,823 | 5,956 |
| December 7..... | 4,581 | 3,275 | 9,041 | 7,283 | 31..... | 2,129 | 2,673 | 5,314 | 5,083 |
| 14..... | 4,592 | 3,456 | 9,679 | 9,299 | 7..... | 2,392 | 2,503 | 6,413 | 6,702 |
| 21..... | 4,113 | 2,703 | 11,091 | 10,018 | 14..... | 2,767 | 2,165 | 5,558 | 5,302 |
| 28..... | 3,311 | 3,621 | 8,455 | 8,006 | 21..... | 2,966 | 1,745 | 6,235 | 5,607 |
| January 4..... | 2,050 | 2,231 | 6,427 | 6,206 | 28..... | 2,801 | 2,149 | 6,225 | 6,417 |
| 11..... | 2,593 | 2,606 | 7,364 | 6,332 | 5..... | 2,693 | 2,067 | 5,558 | 4,760 |
| 18..... | 2,634 | 2,780 | 7,294 | 6,774 | 12..... | 2,628 | 2,910 | 6,753 | 5,048 |
| 25..... | 3,322 | 2,743 | 7,139 | 6,146 | 19..... | 3,004 | 2,144 | 6,814 | 5,942 |
| February 1..... | 3,493 | 2,249 | 7,797 | 5,314 | 26..... | 2,780 | 2,050 | 5,759 | 6,106 |
| 8..... | 3,364 | 1,664 | 8,423 | 4,523 | 5..... | 2,945 | 3,251 | 6,863 | 5,817 |
| 15..... | 3,350 | 3,491 | 8,600 | 1,335 | 9..... | 2,684 | 2,123 | 6,623 | 7,007 |
| 22..... | 3,859 | 3,060 | 8,666 | 6,639 | 16..... | 2,499 | 2,413 | 5,250 | 6,374 |
| March 1..... | 3,800 | 3,069 | 7,441 | 5,798 | 23..... | 3,656 | 2,337 | 7,265 | 6,388 |
| | 3,322 | 4,594 | 7,672 | 6,201 | 30..... | 3,665 | 2,403 | 7,799 | 6,300 |

Table showing the receipts and shipments, annually, of whisky, at Cincinnati, for thirty-four years :

| YEARS. | Receipts, barrels. | Shipments, barrels. | YEARS. | Receipts, barrels. | Shipments, barrels. | YEARS. | Receipts, barrels. | Shipments, barrels. |
|--------------|--------------------|---------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|
| 1845-46..... | 178,336 | 133,220 | 1856-57..... | 581,873 | 361,889 | 1868-69..... | 263,524 | 280,510 |
| 1846-47..... | 184,639 | 183,928 | 1857-58..... | 411,209 | 268,226 | 1869-70..... | 444,291 | 441,820 |
| 1847-48..... | 170,436 | 186,509 | 1858-59..... | 382,412 | 305,888 | 1870-71..... | 313,072 | 375,699 |
| 1848-49..... | 165,419 | 136,911 | 1859-60..... | 433,168 | 389,310 | 1871-72..... | 316,041 | 393,764 |
| 1849-50..... | 186,678 | 179,540 | 1860-61..... | 381,763 | 300,939 | 1872-73..... | 278,848 | 369,902 |
| 1850-51..... | 344,047 | 231,324 | 1861-62..... | 429,936 | 238,316 | 1873-74..... | 338,631 | 335,684 |
| 1851-52..... | 319,488 | 276,124 | 1862-63..... | 100,858 | 462,007 | 1874-75..... | 305,324 | 347,483 |
| 1852-53..... | 327,110 | 257,616 | 1863-64..... | 319,068 | 210,410 | 1875-76..... | 295,012 | 329,021 |
| 1853-54..... | 319,245 | 249,612 | 1864-65..... | 70,799 | 114,769 | 1876-77..... | 320,877 | 300,684 |
| 1854-55..... | 305,695 | 243,551 | 1865-66..... | 172,768 | 152,283 | 1877-78..... | *119,639 | 351,478 |
| 1855-56..... | 428,001 | 252,434 | 1866-67..... | 216,384 | 166,480 | 1878-79..... | *139,262 | 397,816 |
| | | | 1867-68..... | 139,896 | 83,638 | | | |

* Not including whisky manufactured in Hamilton County and Covington, etc., which was previously embraced.

WOOL.

The year in wool has been distinguished by notable conditions, there having been great depression at one period, and unusual activity at another, coupled at Cincinnati with a large increase in business. The movement at Cincinnati shows an increase of 50 per cent. over the previous year, and it is believed that this no more than fairly represents the increase in the business of this city. The downward tendency in prices, which marked the close of the preceding year, extended into the new commercial year, and as

the fall developed a less trade in woolen goods than had been anticipated, there was increased depression. Prices declined, from the opening of the new commercial year until January, from 2@3 cents per pound. This, with numerous failures among the New England mills, caused a very unsettled and unsatisfactory market, and although the first of January showed diminished stocks in the country, the depressed condition of the woolen trade did not allow of the improved condition which otherwise would have occurred. The winter continued dull, and the desire to close out stocks before the arrival of the new clip, still further, in March and April, depressed prices, which declined 2@3 cents per pound. Large lines of Ohio fleece-washed wools were closed out in the eastern markets at 30@32 cents per pound, and of unwashed clothing wools at 20@22 cents. At these prices, manufacturers took hold and generally cleaned out the old stocks, so that when the time came for the appearance of the new clip in May, the old stock of wool, both East and West, had almost entirely passed out of sight. Before the arrival of the clip of 1879, the floors of the dealers, generally, in the country, were bare, while stocks were light in the hands of manufacturers. The lateness of the shearing season, caused by the backward spring, produced considerable anxiety to get new wools, before their arrival. This was readily discovered by the farmers, who sagaciously turned the situation to their own account, and became slow sellers. There were limited quantities in this section moved early in May, at about 30@32 cents for washed, and 18@20 for unwashed wools, but, in general, the new clip did not commence arriving until in June, when farmers were able to realize from 35@36 for washed and 23@25 for unwashed wools, the impression having prevailed early among dealers and manufacturers that the clip would be moved from the farmers' hands at 28@30 cents for the former and 16@18 for the latter. As the season advanced, the abundant grain crops foreshadowing a very good fall trade for woolen goods, prices still further advanced, the washed wools of this region advancing to 38@40 cents, and unwashed to 26@30. On the arrival of large purchases, at both eastern and western markets, in August, manufacturers being well stocked for the time being, withdrew temporarily, and prices declined 2@3 cents per pound. Graded lots could be sold at no more than cost prices in the country. But this was a mere breathing-spell to the market, for prices soon again entered on an upward movement, the end of which the most sagacious merchants were not able to foresee.* During nearly the whole of the new wool season, so far as it has progressed, the condition has been favorable to higher prices. There was an increased demand from manufacturers, whose steadily increasing consumption served as an almost constant stimulus to values. It has been a somewhat noticeable feature of the year, that the best demand has been for medium and low grades of unwashed wools. The consumption of this class of wools in the manufacture of the medium and low-priced woolen fabrics, which in men's wear have become so general, has materially changed in prices the relation of the different grades of wool. Thus, the combing and delaine wools, used in manufacturing ladies' dress goods, which usually, in other years, have ruled 5@8 cents above clothing wools, have, in the late year, generally commanded little, if any, better prices than the other grade. The year, to Cincinnati, has more clearly revealed the importance of the position of this city as a wool market than has ever before been experienced. The natural market for the wools of Ohio, Kentucky and Indiana, now raising the most desirable grades, this city has attracted the attention of buyers from elsewhere to an unusual extent. The year, as a whole, has been a remarkable one from a business standpoint, and, in the general benefits which the last half has presented, Cincinnati especially has entered into full participation. The aggregate receipts of wool at this city, for the year, were 29,771 bales, in comparison with 20,182 in the preceding year, and the shipments 30,251 bales, compared with 18,426. The movement has far exceeded any previous year in the history of the city, and, in quantity, indicates the largest business Cincinnati has ever done in this staple.

*At a later period there was one of the most excited markets that had been seen since war times, washed wools advanced to 50@53 cents, and unwashed to 35@40 cents.

Table showing, for two years, the prices per pound, on Tuesday of each week, at Cincinnati, for tub-washed, unwashed manufacturing, Ohio fleece, and unwashed combing wools:

| DATES. | Tub-washed. | | Unwashed Manu- facturing. | | Ohio Fleece. | | Unwashed Comb- ing. | |
|------------------|-------------|---------|------------------------------|---------|--------------|---------|------------------------|---------|
| | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 | 1878-79 | 1877-78 |
| September 3..... | 33@34c | 36@38c | 21@22c | 24@25c | 31@32c | 37@38c | 26@27c | 33@34c |
| 10..... | 33@34 | 36@38 | 21@22 | 24@25 | 31@32 | 37@38 | 26@27 | 33@34 |
| 17..... | 33@34 | 36@38 | 21@22 | 24@25 | 31@32 | 37@38 | 26@27 | 33@34 |
| 24..... | 33@34 | 36@38 | 21@22 | 24@25 | 31@32 | 37@38 | 26@27 | 33@34 |
| October 1..... | 33@34 | 36@38 | 21@22 | 24@25 | 31@32 | 37@38 | 26@27 | 33@34 |
| 8..... | 33@34 | 36@38 | 21@22 | 24@25 | 31@32 | 37@38 | 26@27 | 33@34 |
| 15..... | 33@34 | 35@37 | 21@22 | 23@24 | 31@32 | 35@36 | 26@27 | 34@36 |
| 22..... | 33@34 | 35@37 | 21@22 | 23@24 | 31@32 | 35@36 | 26@27 | 34@36 |
| 29..... | 33@34 | 35@37 | 21@22 | 23@24 | 31@32 | 35@36 | 26@27 | 34@36 |
| November 5..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 12..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 19..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 26..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| December 3..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 10..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 17..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 24..... | 32@33 | 35@37 | 20@21 | 23@24 | 30@31 | 35@36 | 25@26 | 34@36 |
| 31..... | 32@33 | 34@36 | 20@21 | 22@23 | 30@31 | 34@35 | 25@26 | 33@35 |
| January 7..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| 14..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| 21..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| 28..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| February 4..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| 11..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| 18..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| 25..... | 30@32 | 33@35 | 19@20 | 22@23 | 28@30 | 34@35 | 24@25 | 33@35 |
| March 4..... | 28@30 | 33@35 | 18@19 | 22@23 | 27@28 | 34@35 | 23@24 | 30@32 |
| 11..... | 28@30 | 33@35 | 18@19 | 22@23 | 27@28 | 34@35 | 23@24 | 30@32 |
| 18..... | 28@30 | 33@35 | 18@19 | 22@23 | 27@28 | 34@35 | 23@24 | 30@32 |
| 25..... | 28@30 | 33@35 | 18@19 | 22@23 | 27@28 | 34@35 | 23@24 | 30@32 |
| April 1..... | 28@30 | 33@35 | 17@18 | 22@23 | 25@27 | 34@35 | 22@23 | 30@32 |
| 8..... | 28@30 | 33@35 | 17@18 | 22@23 | 25@27 | 34@35 | 22@23 | 30@32 |
| 15..... | 28@30 | 33@35 | 17@18 | 22@23 | 25@27 | 34@35 | 22@23 | 30@32 |
| 22..... | 28@30 | 33@35 | 17@18 | 22@23 | 25@27 | 34@35 | 22@23 | 30@32 |
| 29..... | 28@30 | 33@35 | 17@18 | 22@23 | 25@27 | 34@35 | 22@23 | 30@32 |
| May 6..... | 27@28 | 32@33 | *16@17 | 22@23 | *25@27 | 34@35 | *22@23 | 30@32 |
| 13..... | 28@30 | *32@33 | 17@18 | 22@23 | 25@27 | *30@31 | 22@23 | *25@26 |
| 20..... | 28@30 | 32@33 | 18@20 | 20@22 | 28@30 | 30@31 | 23@24 | 25@26 |
| 27..... | 32@33 | 32@33 | 20@22 | 20@22 | 30@32 | 30@31 | 24@25 | 25@26 |
| June 3..... | 34@35 | 32@33 | 22@24 | 21@23 | 34@35 | 30@31 | 25@26 | 25@26 |
| 10..... | 36@38 | 33@34 | 23@25 | 21@23 | 35@36 | 32@33 | 26@27 | 26@27 |
| 17..... | 36@38 | 33@34 | 23@25 | 21@23 | 35@36 | 32@33 | 26@27 | 26@27 |
| 24..... | 37@40 | 33@34 | 25@26 | 21@23 | 36@37 | 32@33 | 27@28 | 26@27 |
| July 1..... | 40@42 | 34@35 | 26@28 | 22@23 | 36@38 | 33@34 | 28@30 | 27@28 |
| 8..... | 40@42 | 34@35 | 28@30 | 22@23 | 38@40 | 33@34 | 29@30 | 27@28 |
| 15..... | 38@40 | 34@35 | 26@27 | 22@23 | 35@36 | 33@34 | 27@29 | 27@28 |
| 22..... | 38@40 | 34@35 | 26@27 | 22@23 | 34@35 | 33@34 | 27@28 | 27@28 |
| 29..... | 38@40 | 34@35 | 26@27 | 22@23 | 34@35 | 33@34 | 27@28 | 27@28 |
| August 5..... | 37@38 | 33@34 | 25@26 | 21@22 | 33@34 | 32@33 | 26@28 | 27@28 |
| 12..... | 37@38 | 33@34 | 25@26 | 21@22 | 33@34 | 32@33 | 26@28 | 27@28 |
| 19..... | 38@40 | 33@34 | 26@27 | 21@22 | 34@35 | 32@33 | 27@28 | 27@28 |
| 26..... | 38@40 | 33@34 | 27@28 | 21@22 | 35@36 | 31@32 | 27@28 | 26@27 |

* New clip.

Table showing annual movement of wool, at this city, during a period of thirty-three years, each year ending August 31st:

| YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | | YEARS. | RECEIPTS. | | SHIPMENTS. | |
|--------------|-----------|--------|------------|--|--------------|-----------|--------|------------|--|--------------|-----------|--------|------------|--|
| | Bales. | Bales. | *Pounds. | | | Bales. | Bales. | | | | Bales. | Bales. | | |
| 1846-47..... | 2,960 | 2,432 | 36,710 | | 1857-58..... | 3,115 | 4,586 | | | 1868-69..... | 13,827 | | 15,058 | |
| 1847-48..... | 1,943 | 2,268 | 7,037 | | 1858-59..... | 8,064 | 10,169 | | | 1869-70..... | 11,971 | | 15,655 | |
| 1848-49..... | 1,688 | 1,109 | 10,230 | | 1859-60..... | 9,513 | 10,229 | | | 1870-71..... | 16,728 | | 19,432 | |
| 1849-50..... | 1,277 | 2,156 | 15,831 | | 1860-61..... | 7,040 | 7,593 | | | 1871-72..... | 11,082 | | 12,177 | |
| 1850-51..... | 1,866 | 2,725 | 4,836 | | 1861-62..... | 11,597 | 10,597 | | | 1872-73..... | 9,213 | | 10,657 | |
| 1851-52..... | 4,562 | 8,454 | 2,972 | | 1862-63..... | 8,130 | 9,780 | | | 1873-74..... | 17,723 | | 14,743 | |
| 1852-53..... | 6,748 | 9,432 | 1,586 | | 1863-64..... | 14,005 | 12,913 | | | 1874-75..... | 14,068 | | 14,260 | |
| 1853-54..... | 4,953 | 6,439 | 14,193 | | 1864-65..... | 11,014 | 12,953 | | | 1875-76..... | 14,242 | | 11,870 | |
| 1854-55..... | 5,999 | 6,485 | 4,482 | | 1865-66..... | 17,099 | 15,670 | | | 1876-77..... | 19,531 | | 22,352 | |
| 1855-56..... | 6,489 | 8,691 | | | 1866-67..... | 15,490 | 13,995 | | | 1877-78..... | 20,182 | | 18,426 | |
| 1856-57..... | 6,029 | 7,180 | | | 1867-68..... | 11,851 | 12,461 | | | 1878-79..... | 29,771 | | 30,251 | |

* Since 1854-55 the shipments have been reduced to bales.

IMPORTS INTO CINCINNATI,

For six years, commencing September 1 and ending August 31, of each year.

| ARTICLES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|------------|
| Ale, Beer and Porter, bbls..... | 6,956 | 7,882 | 5,431 | 7,913 | 6,422 | 4,882 |
| Apples, Green, bbls..... | 289,275 | 116,832 | 148,689 | 191,593 | 150,051 | 214,958 |
| Bacon, (see Hog Product)..... | | | | | | |
| Bagging, pieces..... | 36,372 | 62,029 | 60,989 | 64,073 | 52,002 | 53,628 |
| Bark, Tanners', cords..... | c16,000 | c15,000 | c13,540 | c12,850 | c13,000 | 1,084,500 |
| Barley, bush..... | 1,180,652 | 1,597,481 | 1,258,163 | 1,551,944 | 1,109,693 | 37,827 |
| Beans, bush..... | 36,736 | 17,125 | 30,516 | 52,238 | 52,200 | 1,078,600 |
| Beef, in barrels, lbs..... | 163,000 | 109,650 | 219,200 | 175,000 | 1,143,980 | 3,462,230 |
| Beef, in tierces, lbs..... | 84,300 | 356,820 | 191,739 | 926,525 | 3,292,220 | 91,584 |
| Boots and Shoes, cases..... | 137,062 | 85,931 | 117,000 | 78,820 | 88,049 | 8,642 |
| Bran, Middlings, etc., tons..... | 12,705 | 11,052 | 11,480 | 13,083 | 8,880 | |
| Broom Corn, lbs..... | 1,441,800 | 1,403,900 | 2,247,608 | 1,000,000 | 1,000,000 | |
| Butter, bbls..... | 471 | 493 | 837 | 262 | 812 | 416 |
| Butter, firkins, kegs, etc..... | 125,685 | 120,549 | 110,927 | 121,469 | 65,910 | 53,449 |
| Candles, boxes..... | 10,794 | 7,976 | 8,634 | 8,161 | 7,425 | 4,066 |
| Cattle, head..... | 182,954 | 173,987 | 202,726 | 243,503 | 227,450 | 199,426 |
| Cement and Plaster, bbls..... | 76,592 | 72,408 | 58,316 | 93,733 | 105,059 | 77,320 |
| Cheese, boxes..... | 104,064 | 108,326 | 143,417 | 188,745 | 173,144 | 181,865 |
| Cider, bbls..... | 2,744 | 1,583 | 3,559 | 2,014 | 2,300 | 2,321 |
| Coal, bush..... | 34,210,667 | 33,892,229 | 39,622,634 | 40,183,317 | 35,830,307 | 35,234,834 |
| Coffee, sacks..... | 222,399 | 211,026 | 188,844 | 192,195 | 198,621 | 148,213 |
| Cooperage, pieces..... | 334,533 | 287,667 | 679,059 | 585,580 | 451,735 | 450,521 |
| Corn, bush..... | 14,359,549 | 14,321,436 | 14,359,506 | 14,115,564 | 13,695,561 | 13,457,164 |
| Corn Meal, bbls..... | 3,252 | 2,536 | 2,333 | 5,736 | 2,335 | 2,833 |
| Cotton, bales..... | 248,069 | 194,895 | 175,527 | 185,376 | 151,980 | 195,895 |
| Crockery, etc., packages..... | 15,472 | 9,187 | 11,813 | 11,243 | 12,038 | 2,575 |
| Eggs, bbls and boxes..... | 106,786 | 110,480 | 81,426 | 62,971 | 38,863 | 31,276 |
| Feathers, sacks..... | 9,789 | 12,006 | 10,052 | 10,370 | 8,306 | 9,793 |
| Fish, bbls..... | 27,933 | 26,613 | 24,935 | 24,242 | 28,239 | 33,715 |
| Fish, kegs and kits..... | 32,022 | 26,788 | 32,625 | 25,757 | 33,259 | 17,445 |
| Fish, Cod, packages..... | 183 | 1,000 | 1,570 | 878 | 3,546 | 2,796 |
| Flour, bbls..... | 613,914 | 606,667 | 510,128 | 636,504 | 697,578 | 774,916 |
| Fruit, Dried, bush..... | 151,665 | 209,342 | 146,501 | 102,329 | 154,910 | 49,464 |
| Glass, boxes..... | 64,146 | 38,034 | 21,949 | 38,122 | 67,745 | 54,350 |
| Glassware, packages..... | 138,627 | 197,485 | 180,019 | 144,365 | 141,701 | 148,637 |
| Grease, tierces..... | 38,102 | 29,983 | 35,470 | 42,033 | 36,299 | 26,582 |
| Hardware, boxes and casks..... | 103,936 | 110,427 | 97,198 | 68,077 | 81,981 | 77,249 |
| Hay, bales..... | 203,823 | 181,376 | 186,988 | 201,490 | 219,690 | 204,939 |
| Hemp, bundles and bales..... | 32,420 | 22,479 | 23,556 | 26,294 | 20,450 | 26,589 |
| Herring, boxes..... | 11,856 | 11,588 | 21,327 | 10,306 | 8,092 | 11,915 |
| Hides, number..... | 218,995 | 170,283 | 168,327 | 188,808 | 177,525 | 161,192 |
| Hides, lbs..... | 170,890 | 64,519 | 336,863 | 272,521 | 213,812 | 172,999 |
| Hog Product, Bacon, lbs..... | *177,849 | *701,411 | *543,899 | *1,128,066 | *666,272 | *2,296 |
| Bulk, loose, lbs..... | *11,055,053 | *13,436,934 | *15,080,137 | *19,341,658 | *22,205,120 | 28,999,404 |
| Bulk, in boxes, lbs..... | *965,800 | *595,270 | *453,009 | *414,973 | *585,900 | c1,269 |
| Hams, lbs..... | *4,815,405 | *4,939,365 | *3,803,916 | *4,774,505 | *2,659,083 | 613,140 |
| Lard, in tierces, lbs..... | 12,010,131 | 9,371,626 | 8,779,520 | 13,935,251 | 11,546,664 | 17,965,200 |
| Lard, in kegs, lbs..... | 13,060 | 33,660 | 23,337 | 16,470 | 39,465 | 85,815 |
| Pork, bbls..... | 5,035 | 3,179 | 5,333 | 6,063 | 9,009 | 7,122 |
| Hogs, head..... | 1,067,453 | 1,043,384 | 932,992 | 897,484 | 920,889 | 1,121,707 |
| Hops, bales..... | 7,982 | 8,666 | 9,406 | 5,467 | 7,850 | 7,330 |
| Horses, head..... | 17,998 | 116,500 | 111,111 | 110,907 | 18,637 | 18,264 |
| Ice, tons..... | 200,000 | | | | | |
| Iron, Pig, tons..... | *122,231 | *125,912 | *129,194 | *137,646 | *117,225 | *197,815 |
| Iron and Steel, pieces..... | 162,287 | 451,327 | 404,769 | 168,215 | 105,606 | 159,359 |
| Iron and Steel, bundles..... | 88,149 | 205,912 | 282,870 | 156,821 | 73,733 | 68,057 |
| Iron and Steel, tons..... | 68,528 | 43,737 | 37,239 | 49,502 | 39,745 | 44,237 |
| Lard, (see Hog Product)..... | | | | | | |
| Lead, pigs..... | 123,212 | 106,060 | 115,345 | 166,796 | 152,739 | 116,967 |
| Leather, bundles..... | 36,344 | 28,371 | 28,188 | 23,919 | 21,742 | 25,174 |
| Lemons, boxes..... | 23,307 | 16,655 | 22,130 | 25,328 | 12,206 | 14,015 |
| Lime, bbls..... | 114,316 | 115,667 | 119,913 | 107,141 | 122,322 | 182,717 |
| Liquors, hds. and pipes..... | 933 | 680 | 520 | 861 | 2,053 | 718 |
| Lumber, square feet..... | 114,000,000 | 89,000,000 | 101,000,000 | 70,000,000 | 80,000,000 | 71,000,000 |
| Malt, bush..... | 276,548 | 358,815 | 260,439 | 174,253 | 213,651 | 201,591 |
| Merchandise, sundry packages..... | 1,142,192 | 1,223,226 | 1,268,410 | 1,532,120 | 1,270,000 | 1,250,000 |
| Merchandise, sundry tons..... | 11,470 | 2,340 | 337 | 790 | 4,220 | 8,565 |
| Molasses, bbls..... | 42,337 | 51,572 | 44,077 | 46,199 | 43,698 | 58,835 |

IMPORTS INTO CINCINNATI—Continued.

| ARTICLES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Nails, kegs..... | 509,164 | 431,245 | 388,925 | 417,637 | 353,222 | 433,494 |
| Oakum, bales..... | 3,384 | 5,143 | 4,614 | 3,541 | 3,569 | 3,969 |
| Oats, bush..... | 11,898,572 | 11,467,010 | 1,066,916 | 1,411,158 | 1,323,889 | 1,372,161 |
| Oil, bbis..... | 72,574 | 54,285 | 59,392 | 59,364 | 30,000 | 21,804 |
| Oil Cake, tons..... | 1,437 | 1,017 | 2,145 | 824 | 1,174 | 1,010 |
| Onions, bbis and sacks..... | 12,457 | 16,473 | 16,168 | 14,451 | 18,420 | 12,169 |
| Oranges, boxes..... | 40,486 | 48,830 | 35,185 | 35,496 | 28,461 | 24,871 |
| Peanuts, bush..... | 298,340 | 276,560 | 461,515 | 307,605 | 188,082 | 141,350 |
| Petroleum, bbis..... | 1286,804 | 1217,291 | 106,253 | 166,423 | 118,194 | 177,282 |
| Pitch, bbis..... | 1,670 | 1,646 | 5,794 | 1,715 | 1,182 | 2,820 |
| Pork, (see Hog Product)..... | | | | | | |
| Potatoes, bbis..... | 180,269 | 141,808 | 172,754 | 202,694 | 269,417 | 167,330 |
| Raisins, Figs, etc., boxes..... | 30,406 | 24,663 | 22,077 | 25,490 | 23,120 | 24,431 |
| Rice, tierces..... | 10,201 | 10,781 | 17,561 | 18,174 | 8,214 | 7,550 |
| Rope, Twine, etc., packages..... | 14,167 | 15,853 | 18,545 | 11,605 | 15,436 | 18,875 |
| Rosin, bbis..... | 30,056 | 31,293 | 39,125 | 22,342 | 24,001 | 14,484 |
| Rye, bush..... | 1489,790 | 1374,637 | 427,125 | 500,515 | 336,410 | 385,354 |
| Salt, bbis..... | 281,285 | 1268,663 | 1281,744 | 1318,340 | 124,095 | 1411,822 |
| Salt, sacks..... | 52,098 | 51,148 | 56,883 | 31,527 | 42,810 | 50,152 |
| Seed, Flax, bags..... | 59,150 | 52,777 | 58,334 | 49,115 | 20,502 | 46,451 |
| Seed, Grass and Clover, bags..... | 55,712 | 53,865 | 69,007 | 62,515 | 65,057 | 59,035 |
| Sheep, head..... | 464,574 | 362,433 | 246,188 | 335,848 | 273,102 | 240,161 |
| Shingles..... | 230,000,000 | 220,000,000 | 215,000,000 | 225,000,000 | 215,000,000 | 210,000,000 |
| Shot, kegs..... | 2,266 | 3,836 | 3,625 | 1,937 | 3,318 | 7,121 |
| Spices, packages..... | 2,568 | 1,605 | 2,253 | 2,047 | 2,699 | 2,780 |
| Starch, boxes..... | 250,669 | 26,951 | 240,653 | 305,886 | 210,173 | 232,718 |
| Stearine, tierces..... | 1,379 | 2,495 | 1,298 | 1,880 | 1,195 | 3,048 |
| Sugar, hhds..... | 28,751 | 9,138 | 22,323 | 17,468 | 11,573 | 9,324 |
| Sugar, bbis..... | 142,586 | 206,892 | 162,475 | 152,880 | 169,485 | 177,490 |
| Tallow, tierces..... | 27,412 | 30,432 | 28,194 | 28,009 | 33,397 | 39,412 |
| Tar, bbis..... | 4,576 | 2,993 | 4,591 | 3,553 | 4,881 | 5,376 |
| Tea, packages..... | 10,916 | 11,127 | 12,287 | 11,563 | 15,576 | 13,019 |
| Tobacco, Leaf, hhds..... | 78,137 | 88,280 | 71,217 | 61,388 | 45,294 | 73,063 |
| Tobacco, leaf, boxes and bales..... | 115,932 | 116,970 | 117,423 | 113,230 | 110,915 | 4,253 |
| Tobacco, Manufactured, packages..... | 263,707 | 195,372 | 190,415 | 169,336 | 114,925 | 123,714 |
| Turpentine, bbis..... | 5,661 | 4,877 | 4,138 | 4,677 | 5,530 | 5,250 |
| Wheat, bush..... | 3,834,722 | 3,405,115 | 1,436,851 | 1,052,925 | 1,135,388 | 1,121,176 |
| Whisky, bbis..... | 139,262 | 119,639 | 320,877 | 295,012 | 203,324 | 338,631 |
| Wines and Liquors, bbis..... | 13,574 | 12,840 | 25,894 | 18,566 | 13,051 | 10,931 |
| Wines and Liquors, boxes and baskets..... | 25,483 | 28,305 | 33,475 | 15,376 | 37,839 | 46,302 |
| Wood, cords..... | 67,100 | 68,400 | | | | |
| Wool, bales..... | 29,771 | 20,182 | 19,631 | 14,242 | 14,668 | 17,923 |
| Yarn, Warp, etc., Cotton, packages..... | 7,373 | 12,511 | 4,960 | 8,434 | 15,246 | 14,150 |

* Prior to 1874-75, the hog product was reported in packages, without regard to the kinds of meat. In 1874-75 and since, was reported in pounds, with a view of having each kind of product under its appropriate head (the bulk meats, loose, also embracing green meats), though, on account of the indefiniteness in this respect of the bills and books of transportation companies, it is difficult, in many instances, to arrive at exact facts as to kinds of meat.

† Embracing also sales made where the article was shipped directly from the place of manufacture or storage, without stopping at Cincinnati.

‡ Supplemental reports embraced.

§ Not reported.

a, Hogsheads.

b, Tierces.

c, Boxes.

d, Not including receipts from Lockland and St. Bernard which were previously embraced.

e, Estimated.

f, Embracing only receipts from points beyond Cincinnati, Covington, Newport and Petersburg. Prior to 1877-78, receipts from the latter points by both wagons and public conveyances where embraced, which accounts for the great disparity between 1877-78 and 1878-79 and former years.

g, Embracing the entire ice supply for the year.

EXPORTS FROM CINCINNATI,

For six years, commencing September 1st and ending August 31st, of each year.

| ARTICLES. | 1876-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Alcohol, bbls | 12,775 | 8,024 | 2,472 | 1,652 | 1,171 | 2,967 |
| Ale, Beer and Porter, bbls..... | 162,593 | 184,634 | 148,519 | 125,380 | 109,172 | 121,604 |
| Apples, green, bbls..... | 151,618 | 76,235 | 133,855 | 69,853 | 43,063 | 79,226 |
| Bacon (see Hog Product)..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Bagging, pieces..... | 45,561 | 76,114 | 62,405 | 57,140 | 55,515 | 55,792 |
| Barley, bush..... | 264,648 | 123,617 | 152,412 | 232,556 | 82,733 | 90,688 |
| Beans, bush..... | 13,902 | 8,107 | 22,473 | 44,150 | 36,946 | 27,315 |
| Beef, in barrels, lbs..... | 2,591,220 | 1,730,250 | 1,906,180 | 1,617,450 | 2,051,446 | 2,076,400 |
| Beef, in tierces, lbs..... | 826,400 | 1,434,300 | 1,438,340 | 2,852,300 | 5,117,550 | 5,956,120 |
| Boots and Shoes, cases..... | 121,325 | 97,972 | 100,820 | 79,100 | 57,548 | 47,733 |
| Bran, Middlings, etc., tons..... | 6,394 | 5,684 | 5,936 | 7,853 | 3,326 | 3,575 |
| Brooms, dozen..... | 119,200 | 10,488 | 11,321 | 16,817 | 20,079 | 20,022 |
| Broom Corn, lbs..... | 738,700 | 762,670 | ..... | ..... | ..... | ..... |
| Butter, bbls | 1,153 | 482 | 1,116 | 790 | 898 | 625 |
| Butter, firkins, kegs, etc..... | 41,950 | 34,242 | 37,425 | 25,512 | 23,708 | 22,735 |
| Candles, boxes..... | 222,360 | 231,727 | 238,654 | 265,844 | 232,690 | 263,123 |
| Castings, pieces..... | 11,192 | 31,982 | 33,335 | 33,750 | 82,325 | 46,958 |
| Castings, tons..... | 22,959 | 15,714 | 6,906 | 7,162 | 8,635 | 11,450 |
| Cattle, head | 82,416 | 80,564 | 98,800 | 98,322 | 103,438 | 79,551 |
| Cement, bbls | 22,421 | 15,354 | 15,435 | 18,949 | 20,632 | 20,187 |
| Chairs, dozen..... | 11,969 | 17,761 | 13,316 | 11,396 | 13,621 | 18,259 |
| Cheese, boxes..... | 62,876 | 77,361 | 102,888 | 128,214 | 118,287 | 127,689 |
| Coal, bush..... | 6,494,600 | 4,973,300 | 5,738,700 | 5,096,100 | 5,002,500 | 5,933,100 |
| Coffee, bags..... | 177,575 | 175,986 | 158,590 | 117,590 | 126,242 | 116,796 |
| Cooperage, pieces..... | 179,845 | 92,227 | 190,892 | 193,986 | 155,857 | 338,753 |
| Corn, bush..... | 916,390 | 1,236,439 | 1,317,142 | 1,028,325 | 695,515 | 658,718 |
| Corn Meal, bbls..... | 5,109 | 4,018 | 3,514 | 4,267 | 2,276 | 2,947 |
| Cotton, bales..... | 214,532 | 183,983 | 171,834 | 171,773 | 150,550 | 188,083 |
| Crockery, etc., packages..... | 36,824 | 29,430 | 19,785 | 17,132 | 16,083 | 6,988 |
| Eggs, boxes and barrels..... | 16,770 | 22,818 | 19,537 | 15,245 | 10,153 | 17,013 |
| Feathers, sacks | 9,993 | 11,624 | 10,351 | 11,036 | 8,652 | 10,759 |
| Fish, bbls..... | 10,532 | 8,128 | 7,557 | 8,096 | 10,017 | 11,704 |
| Fish, kegs and kits..... | 42,701 | 36,159 | 49,818 | 48,021 | 51,041 | 52,088 |
| Flour, bbls | 398,653 | 383,954 | 296,374 | 296,217 | 478,460 | 551,774 |
| Fruit, Dried, bush..... | 86,474 | 149,970 | 83,815 | 56,837 | 83,189 | 99,219 |
| Furniture, pkgs..... | 109,886 | 124,127 | 130,830 | 96,331 | 85,238 | 93,854 |
| Glass, boxes..... | 36,344 | 23,995 | 9,152 | 17,669 | 35,879 | 33,483 |
| Glassware, pkgs..... | 158,226 | 175,734 | 137,842 | 95,262 | 78,220 | 104,976 |
| Grease, tierces..... | 11,635 | 13,087 | 12,182 | 16,587 | 7,110 | 9,150 |
| Hardware, boxes and casks..... | 123,955 | 108,608 | 96,513 | 48,033 | 42,246 | 49,343 |
| Hay, bales..... | 4,984 | 18,016 | 3,935 | 8,769 | 8,142 | 29,698 |
| Hemp, bales..... | 22,988 | 16,616 | 18,542 | 19,038 | 14,226 | 19,260 |
| Hides, number..... | 168,853 | 130,104 | 174,841 | 144,214 | 128,961 | 108,298 |
| Hides, pounds..... | 65,354 | 90,073 | 144,551 | 40,300 | 102,720 | 86,238 |
| Hog Product, Bacon, lbs..... | *28,319,529 | *21,813,868 | *21,921,630 | *26,509,325 | *29,897,886 | *59,925 |
| Bulk, loose, lbs..... | *25,887,275 | *32,638,175 | *39,181,649 | *32,637,549 | *37,750,015 | *36,553,997 |
| Bulk, in boxes, lbs..... | *27,061,000 | *16,026,500 | *13,062,810 | *9,162,971 | *5,150,730 | *18,444 |
| Hams, lbs..... | *22,445,924 | *22,839,734 | *19,709,531 | *23,486,125 | *23,433,508 | *680,092 |
| Lard, in tierces, lbs..... | 42,208,320 | 44,987,709 | 33,525,976 | 34,565,110 | 29,579,084 | 44,239,470 |
| Lard, in kegs, lbs..... | 193,685 | 256,725 | 458,458 | 592,090 | 128,794 | 1,747,710 |
| Pork, bbls..... | 57,111 | 73,384 | 65,479 | 53,518 | 43,970 | 57,310 |
| Hogs, head | 240,217 | 225,676 | 232,526 | 185,206 | 149,264 | 290,094 |
| Hops, bales..... | 1,608 | 1,963 | 1,732 | 1,961 | 1,521 | 1,441 |
| Horses, head..... | 113,673 | 118,220 | 110,616 | 19,246 | 5,900 | 7,073 |
| Iron, Pig, tons..... | 117,699 | 112,021 | 113,954 | 112,897 | 178,610 | 160,356 |
| Iron and Steel, pieces..... | 142,465 | 321,458 | 268,466 | 80,845 | 96,944 | 74,048 |
| Iron and Steel, bundles..... | 85,685 | 191,101 | 119,749 | 67,526 | 172,327 | 105,575 |
| Iron and Steel, tons..... | 62,980 | 41,655 | 29,183 | 32,640 | 24,952 | 30,617 |
| Lard (see Hog Product)..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Lead, White, kegs, 25 lbs. average..... | 374,964 | 353,905 | 166,738 | 162,416 | 170,766 | 156,292 |
| Leather, bundles..... | 39,965 | 137,491 | 34,401 | 40,861 | 34,912 | 30,614 |
| Lime, bbls..... | 25,847 | 26,017 | 24,447 | 19,807 | 26,674 | 29,080 |
| Malt, bush..... | 260,187 | 206,390 | 226,141 | 211,686 | 273,697 | 453,449 |
| Manufactures, sundry, pkgs..... | 64,077 | 37,075 | 14,879 | 20,013 | 24,585 | 32,230 |
| Merchandise, sundry, pkgs..... | 1,192,615 | 1,448,009 | 1,486,331 | 1,462,632 | 1,291,500 | 1,257,000 |
| Merchandise, sundry, tons..... | 13,045 | 7,263 | 4,235 | 4,535 | 3,255 | 5,366 |
| Molasses, bbls..... | 35,800 | 31,234 | 27,477 | 26,860 | 27,212 | 24,616 |
| Nails, kegs..... | 435,192 | 346,700 | 296,014 | 324,119 | 290,816 | 346,375 |

EXPORTS FROM CINCINNATI—Continued.

| ARTICLES. | 1878-79 | 1877-78 | 1876-77 | 1875-76 | 1874-75 | 1873-74 |
|---|-----------|-----------|----------|----------|----------|----------|
| Naval Stores, bbls..... | 10,203 | 12,123 | 18,218 | 11,135 | 8,800 | 7,670 |
| Oats, bush..... | 305,307 | 146,452 | 137,286 | 321,755 | 193,242 | 216,660 |
| Oil, bbls..... | †333,022 | †253,290 | 210,584 | 187,848 | 167,783 | 196,513 |
| Oil cake, tons..... | 2,350 | 1,642 | 2,885 | 1,817 | 1,938 | 1,836 |
| Onions, bbls. and sacks..... | 11,218 | 9,127 | 11,488 | 10,673 | 9,127 | 6,709 |
| Peanuts, bush..... | 249,255 | 355,825 | 255,400 | 164,450 | 183,060 | 182,205 |
| Pork (see Hog Product)..... | | | | | | |
| Potatoes, barrels and sacks..... | 102,541 | 65,589 | 93,960 | 131,850 | 117,078 | 89,945 |
| Rope, Twine, etc., pkgs..... | 32,461 | 28,001 | 30,359 | 29,382 | 22,492 | 31,176 |
| Rye, bush..... | 153,859 | 125,018 | 148,263 | 178,408 | 98,245 | 117,349 |
| Salt, bbls..... | 171,019 | †213,025 | †206,572 | †191,025 | †190,551 | †298,309 |
| Salt, bags..... | 3,559 | 9,147 | 11,152 | 7,582 | 5,075 | 4,139 |
| Seed, Flax, bags..... | 9,710 | 8,763 | 5,285 | 3,951 | 7,410 | 15,067 |
| Seed, Clover, Timothy, etc., bags..... | 50,605 | 53,943 | 57,613 | 43,921 | 50,465 | 43,136 |
| Sheep, head..... | 329,578 | 286,961 | 210,220 | 278,820 | 172,007 | 101,975 |
| Soap, boxes..... | 448,972 | 366,802 | 332,533 | 271,636 | 239,312 | 220,063 |
| Spices, packages..... | 1,857 | 1,129 | 2,149 | 2,003 | 3,177 | 4,524 |
| Starch, boxes..... | ‡538,398 | ‡485,359 | ‡417,796 | ‡395,681 | ‡383,443 | ‡320,558 |
| Stearine, tierces..... | 8,424 | 9,163 | 11,352 | 17,027 | 17,566 | 21,349 |
| Sugar, hhds..... | 21,330 | 6,331 | 17,818 | 11,000 | 7,305 | 6,115 |
| Sugar, bbls..... | 94,015 | 132,955 | 109,106 | 106,902 | 99,530 | 99,733 |
| Tallow, tierces..... | 4,846 | 3,262 | 2,508 | 5,490 | 3,804 | 9,320 |
| Tobacco, Leaf, hhds..... | 69,220 | 85,019 | 68,759 | 59,105 | 43,249 | 66,094 |
| Tobacco, Leaf, boxes and bales..... | 18,477 | 19,984 | 111,700 | 12,245 | 8,776 | 4,365 |
| Tobacco, Manufactured, pkgs..... | 531,705 | 422,661 | 365,148 | 297,960 | 217,392 | 255,219 |
| Vinegar, bbls..... | 23,157 | 23,831 | 20,052 | 17,457 | 14,541 | 11,617 |
| Wheat, bush..... | 3,383,387 | 2,867,082 | 961,754 | 556,252 | 500,622 | 783,990 |
| Whisky, bbls..... | ‡397,816 | 351,473 | 370,684 | 329,021 | 347,433 | 335,684 |
| Wines and Liquors, bbls..... | 10,908 | 8,257 | 6,842 | 8,667 | 6,278 | 4,152 |
| Wines and Liquors, baskets and boxes..... | 16,218 | 23,834 | 20,092 | 15,075 | 35,278 | 44,995 |
| Wool, bales..... | 30,251 | 18,426 | 22,352 | 11,870 | 14,260 | 14,743 |

* Prior to 1874-75, the hog product was reported in packages, without regard to the kinds of meat. In 1874-75 and since, it was reported in pounds, with a view of having each kind of product under its appropriate head (the bulk meats, loose, also embracing green meats), though, on account of the indefiniteness of the bills and books of transportation companies in this respect, it is difficult, in many instances, to arrive at exact facts as to the kinds of meat.

† Embracing also sales made in Cincinnati, where goods were shipped directly from the place of manufacture or storage, without stopping at this city.

‡ Not reported.

‡ Supplemental reports embraced.

a, Hogsheads.

b, Tierces.

c, Boxes.

* DESTINATION AND MODE OF SHIPMENT OF THE PRINCIPAL ARTICLES EXPORTED FROM CINCINNATI,
For three years, commencing September 1st and ending August 31st, of each year.

| ARTICLES. | To New Orleans by Water. | | | To other Down-River Ports. | | | To Up-River Ports. | | | Via Canal and Railroads. | | |
|-----------------------------------|--------------------------|-----------|-----------|----------------------------|-----------|-----------|--------------------|-----------|-----------|--------------------------|------------|------------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| Alcohol, bbls..... | 18 | 10 | 87 | 416 | 358 | 483 | 127 | 87 | 95 | 12,214 | 7,569 | 1,859 |
| Ale, Beer and Porter, bbls..... | 1,259 | 2,275 | 4,403 | 2,387 | 4,684 | 7,383 | 15,377 | 14,533 | 12,824 | 143,570 | 163,122 | 128,801 |
| Apples, bbls..... | 7,025 | 2,353 | 19,708 | 31,496 | 2,659 | 22,410 | 2,716 | 562 | 2,662 | 110,221 | 70,661 | 89,075 |
| Bagging, pieces..... | 2,988 | 3,015 | 7,987 | 13,425 | 15,377 | 16,385 | 9 | 70 | 9 | 29,138 | 57,652 | 38,024 |
| Barley, bush..... | 500 | ..... | ..... | 11,296 | 2,311 | 6,793 | 4,124 | 17,241 | 1,730 | 248,728 | 104,068 | 143,388 |
| Beans, bush..... | 788 | 585 | 1,996 | 822 | 280 | 2,443 | 2,811 | 1,138 | 385 | 9,471 | 6,124 | 17,639 |
| Beef, in barrels, lbs..... | 185,400 | 144,850 | 329,800 | 27,200 | 71,784 | 65,680 | 38,466 | 38,466 | 10,400 | 2,328,800 | 1,474,200 | 1,500,300 |
| Beef, in tierces, lbs..... | 13,300 | 39,440 | 50,180 | 66,640 | 63,580 | 79,140 | 18,360 | 17,740 | 46,580 | 726,100 | 1,298,540 | 1,362,400 |
| Boots and Shoes, cases..... | 659 | 251 | 6 | 14,692 | 10,006 | 13,441 | 14,540 | 14,676 | 15,224 | 91,234 | 73,029 | 71,053 |
| Bran, Ship Stuff, etc., tons..... | ..... | 10 | 55 | 55 | 70 | 120 | 1,176 | 280 | 968 | 5,160 | 5,314 | 4,863 |
| Brooms, doz..... | 2,234 | 3,116 | 2,270 | 2,527 | 5,081 | 3,341 | 1,529 | 1,820 | 2,392 | 1,397 | 471 | 908 |
| Broom Corn, lbs..... | 149,600 | 184,300 | ..... | 27,900 | 14,100 | 260,100 | 260,100 | 122,100 | 2392 | 296,100 | 412,170 | ..... |
| Butter, bbls..... | 218 | 206 | 908 | 90 | 59 | 112 | 9 | 58 | 40 | 836 | 159 | 56 |
| Butter, firkins and kegs..... | 12,697 | 15,324 | 16,156 | 4,350 | 3,519 | 3,409 | 455 | 851 | 682 | 23,938 | 14,538 | 17,178 |
| Candies, boxes..... | 23,957 | 31,766 | 27,027 | 10,721 | 21,392 | 21,433 | 7,755 | 10,527 | 10,156 | 179,977 | 168,212 | 180,018 |
| Castings, pieces..... | 2,988 | 1,987 | 7,086 | 5,156 | 11,943 | 16,284 | 1,180 | 2,369 | 6,039 | 1,968 | 15,683 | 3,976 |
| Castings, tons..... | 267 | 274 | 235 | 760 | 389 | 535 | 116 | 33 | 110 | 21,816 | 15,018 | 6,028 |
| Cattle, head..... | 98 | 67 | 51 | 1,285 | 1,049 | 1,083 | 772 | 1,245 | 654 | 80,258 | 78,213 | 97,082 |
| Cement and Plaster, bbls..... | 134 | 138 | 83 | 1,752 | 1,457 | 2,261 | 12,111 | 6,404 | 4,781 | 8,424 | 7,553 | 8,307 |
| Chairs, doz..... | 2,719 | 3,742 | 4,455 | 2,324 | 2,130 | 3,458 | 5,274 | 5,527 | 5,045 | 1,592 | 362 | 358 |
| Cheese, boxes..... | 4,393 | 3,669 | 8,668 | 8,613 | 10,128 | 16,653 | 9,369 | 8,646 | 10,354 | 40,501 | 52,318 | 67,229 |
| Coffee, bags..... | 167 | 413 | 8,777 | 18,969 | 16,109 | 13,516 | 15,706 | 16,980 | 16,384 | 142,733 | 142,284 | 123,815 |
| Cooperage, pieces..... | 13,319 | 20,499 | 23,077 | 31,476 | 13,912 | 47,207 | 9,484 | 12,718 | 36,652 | 123,866 | 43,048 | 84,016 |
| Corn, bush..... | 18 | 212 | 428 | 3,388 | 4,899 | 1,392 | 414,777 | 191,277 | 94,114 | 497,132 | 1,040,051 | 1,221,208 |
| Corn Meal, bbls..... | 119 | 123 | 390 | 263 | 174 | 660 | 2,833 | 2,448 | 376 | 1,734 | 1,273 | 2,088 |
| Cotton, bales..... | 696 | ..... | 100 | 88 | 146 | 32 | 4,827 | 12,955 | 25,420 | 238,921 | 170,882 | 146,282 |
| Crockery, etc., pgs..... | 862 | 1,064 | 1,371 | 3,610 | 1,363 | 4,320 | 79 | 636 | 615 | 32,253 | 26,357 | 3,479 |
| Eggs, boxes and bbls..... | 100 | 104 | 75 | 6 | 144 | 11 | 451 | 225 | 88 | 16,213 | 22,845 | 19,383 |
| Feathers, bags..... | 3 | 7 | 69 | ..... | 5 | 12 | 179 | 1,198 | 622 | 9,811 | 10,414 | 9,648 |
| Fish, bbls..... | 210 | 6 | 4,638 | 176 | 3,738 | 2,693 | 612 | 595 | 476 | 5,072 | 3,884 | 4,212 |
| Fish, kegs and kits..... | 877 | 1,179 | 3,538 | 8,788 | 7,443 | 11,176 | 8,035 | 6,163 | 7,056 | 24,991 | 21,374 | 28,048 |
| Flour, bbls..... | 1,071 | 2,005 | 3,021 | 5,193 | 8,587 | 6,698 | 52,607 | 54,760 | 53,109 | 339,792 | 323,652 | 239,945 |
| Fruit, Dried, bush..... | 1,341 | 2,786 | 2,343 | 11,454 | 2,457 | 1,001 | 10,532 | 5,799 | 2,813 | 138,928 | 177,658 | 77,658 |
| Furniture, pgs..... | 49,120 | 47,526 | 40,490 | 18,904 | 21,413 | 33,300 | 55,590 | 48,201 | 43,294 | 15,372 | 12,135 | 13,966 |
| Glass, boxes..... | 6,490 | 2,785 | 13,037 | 6,201 | 6,201 | 956 | 2,131 | 8,852 | 22 | 14,686 | 11,067 | 8,175 |
| Glassware, pgs..... | 14,198 | 21,992 | 21,867 | 60,304 | 65,389 | 60,013 | 5,194 | 8,280 | 8,424 | 78,380 | 80,063 | 47,518 |
| Grease, tierces..... | 30 | 51 | 113 | 494 | 622 | 685 | 518 | 239 | 369 | 10,558 | 12,115 | 11,075 |
| Hardware, boxes and casks..... | 4,379 | 4,344 | 4,562 | 48,062 | 50,863 | 48,274 | 16,835 | 16,280 | 24,474 | 64,069 | 37,086 | 19,263 |
| Hay, bales..... | 1,366 | 1,205 | 623 | 372 | 117 | 724 | 1,688 | 15,831 | 1,330 | 1,618 | 863 | 1,258 |
| Hemp, number..... | ..... | 96 | 40 | 163 | 300 | 156 | 18,439 | 20,813 | 22,491 | 22,491 | 16,100 | 18,188 |
| Hides, lbs..... | ..... | ..... | ..... | 20,765 | 13,685 | 2,721 | ..... | 20,813 | 17,231 | 129,649 | 85,510 | 151,335 |
| Hogs, number..... | 31 | 82 | ..... | 3,537 | 1,092 | 920 | 14,239 | 8,722 | 1,645 | 322,530 | 220,810 | 225,963 |
| Hog Product, Bacon, lbs..... | 1,872,570 | 2,459,790 | 3,985,930 | 3,607,734 | 3,440,380 | 4,315,496 | 4,381,340 | 4,301,161 | 4,464,015 | 18,259,235 | 11,412,547 | 9,546,170 |
| Hog Product, Hams, lbs..... | 1,159,020 | 1,789,740 | 1,963,020 | 806,892 | 1,341,404 | 1,127,840 | 1,669,617 | 2,348,630 | 2,150,914 | 18,670,406 | 17,231,949 | 14,461,727 |
| Hog Product, Bbs..... | 6,151 | 11,901 | 19,882 | 1,586 | 2,601 | 2,327 | 43,400 | 12,727 | 4,532 | 43,400 | 46,153 | 38,758 |
| Hog Product, in boxes, lbs..... | 344,540 | 219,000 | 158,100 | 505,000 | 329,040 | 385,000 | 4,681,000 | 4,407,500 | 2,854,710 | 21,327,500 | 11,941,000 | 9,685,000 |

* DESTINATION AND MODE OF SHIPMENT OF THE PRINCIPAL ARTICLES EXPORTED FROM CINCINNATI—CONTINUED.

| ARTICLES. | To New Orleans by Water. | | | To other Down-River Ports. | | | T Up-River Ports. | | | Via Canal and Railroads. | | |
|---|--------------------------|---------|---------|----------------------------|---------|---------|-------------------|-----------|-----------|--------------------------|------------|------------|
| | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 | 1878-79 | 1877-78 | 1876-77 |
| Hog Product, Bulk, lbs..... | 51,600 | 121,000 | 60,880 | 380,780 | 671,617 | 990,315 | 6,772,355 | 7,392,368 | 5,336,823 | 18,079,540 | 24,433,190 | 32,783,631 |
| Hops, bales..... | 50 | ..... | 16 | 138 | 245 | 288 | 14,299 | 5 | 27 | 1,866 | 1,715 | 1,401 |
| Horses, head..... | 222 | 597 | 409 | 1,620 | 1,081 | 745 | 3,312 | 3,918 | 2,176 | 5,980 | 5,124 | 4,286 |
| Iron, Pig, tons..... | 66 | 69 | 31 | 1,896 | 883 | 687 | 1,432 | 1,883 | 1,454 | 45,510 | 33,440 | 26,826 |
| Iron and Steel, pieces..... | 25,675 | 13,549 | 26,917 | 82,981 | 221,974 | 192,473 | 217,500 | 31,602 | 21,257 | 10,059 | 51,335 | 26,839 |
| Iron and Steel, bbls..... | 16,283 | 32,962 | 26,034 | 23,916 | 113,081 | 63,622 | 3,387 | 3,837 | 6,067 | 42,009 | 41,221 | 24,006 |
| Iron and Steel, tons..... | 1,107 | 2,380 | 1,310 | 12,200 | 3,359 | 1,556 | 1,303 | 1,233 | 130 | 49,250 | 34,683 | 27,387 |
| Lard, in tierces, lbs..... | 241,130 | 499,548 | 583,575 | 613,829 | 359,551 | 479,931 | 24,900 | 6,227,880 | 2,383,570 | 39,893,700 | 37,900,350 | 30,076,940 |
| Lard, in kegs, lbs..... | 26,865 | 119,835 | 187,915 | 72,710 | 71,775 | 127,850 | 19,805 | 14,085 | 3,420 | 69,180 | 51,080 | 189,273 |
| Lead, White, kegs..... | 524 | 763 | 266 | 21,102 | 16,805 | 18,680 | 19,903 | 19,425 | 19,484 | 212,340 | 38,072 | 128,308 |
| Lead, White, bundles..... | 190 | 160 | 342 | 1,060 | 1,467 | 2,169 | 3,333 | 1,615 | 2,023 | 36,392 | 34,249 | 33,867 |
| Lime, bbls..... | 6 | ..... | 334 | 1,020 | 280 | 809 | 8,809 | 8,112 | 8,481 | 18,752 | 17,565 | 14,823 |
| Malt, bush..... | 2,000 | 5,940 | 6,290 | 36,788 | 37,467 | 32,820 | 25,104 | 21,910 | 17,629 | 196,125 | 141,083 | 169,402 |
| Manufactures, sundry, pigs..... | 3,937 | 5,789 | 4,030 | 9,917 | 3,119 | 279,627 | 541 | 1,236 | 613 | 58,682 | 28,971 | 9,255 |
| Merchandise, sundry, tons..... | 28,496 | 27,312 | 54,106 | 161,137 | 268,412 | 279,627 | 206,252 | 297,221 | 290,399 | 796,700 | 835,964 | 871,999 |
| Nails, kegs..... | 11 | 30 | 467 | 1,556 | 767 | 1,105 | 210 | 110 | 110 | 10,195 | 3,729 | 2,115 |
| Nails, kegs, bbls..... | 49,185 | 41,881 | 46,119 | 168,129 | 1,796 | 1,796 | 11,327 | 13,632 | 9,361 | 18,708 | 19,214 | 15,853 |
| Naval Stores, bbls..... | 8 | ..... | 52 | 962 | 166,538 | 131,646 | 3,750 | 3,984 | 2,968 | 214,128 | 134,284 | 115,521 |
| Oats, bush..... | 108 | 368 | 1,071 | 3,544 | 1,405 | 1,899 | 181,679 | 39,429 | 21,318 | 189,976 | 105,250 | 112,998 |
| Oil, bbls..... | 4,553 | 5,243 | 5,243 | 21,284 | 22,026 | 15,260 | 11,915 | 10,117 | 12,085 | 210,114 | 165,547 | 177,396 |
| Oil Cake, tons..... | 1,411 | 1,055 | 3,110 | 1,007 | 735 | 1,355 | 291 | 101 | 772 | 8,905 | 2,122 | 2,885 |
| Peanuts, bags..... | 11 | 20 | 100 | 521 | 380 | 140 | 4,177 | 6,072 | 3,940 | 43,142 | 64,653 | 46,900 |
| Potatoes, bbls, and sacks..... | 2,085 | 8,232 | 15,104 | 5,213 | 5,146 | 12,399 | 13,984 | 4,771 | 3,856 | 81,259 | 47,450 | 62,591 |
| Rope, Twine, etc., pigs..... | 1,119 | 965 | 1,734 | 4,588 | 7,996 | 8,284 | 1,455 | 2,210 | 2,108 | 25,299 | 16,800 | 18,175 |
| Rye, bush..... | ..... | ..... | 2,210 | 22,254 | 38,089 | 16,825 | 9,912 | 2,219 | 2,319 | 121,653 | 84,710 | 129,909 |
| Salt, bbls..... | 1,096 | 971 | 660 | 36,175 | 46,467 | 27,443 | 870 | 686 | 787 | 132,878 | 151,305 | 145,725 |
| Seed, Flax, sacks..... | 50 | ..... | ..... | 901 | 119 | 637 | 50 | 274 | 183 | 2,572 | 8,954 | 10,352 |
| Seed, Grass and Clover, sacks..... | ..... | ..... | 71 | 3,373 | 4,137 | 3,197 | 13,059 | 826 | 44 | 9,178 | 4,192 | 5,105 |
| Sheep, head..... | 1,098 | 331 | 341 | 430 | 191 | 22 | 241 | 50 | 77 | 31,133 | 36,331 | 43,307 |
| Soap, boxes..... | 36,352 | 49,067 | 53,190 | 46,979 | 55,824 | 37,458 | 39,801 | 29,924 | 31,220 | 327,809 | 268,577 | 204,780 |
| Spices, pigs..... | 85 | 21 | 90 | 639 | 628 | 1,142 | 132 | 270 | 895 | 3,540 | 281,947 | 507,065 |
| Sugar, boxes..... | 33,593 | 47,438 | 49,578 | 22,760 | 23,314 | 22,138 | 18,336 | 12,722 | 16,799 | 1,031 | 210 | 22 |
| Stearine, tierces..... | 5 | 13 | 33 | 20 | 10 | 10 | 347 | 585 | 743 | 8,132 | 316,437 | 228,750 |
| Sugar, hnds..... | ..... | ..... | 35 | 962 | 388 | 409 | 2,420 | 1,153 | 1,692 | 17,945 | 8,592 | 10,546 |
| Sugar, bbls..... | 96 | 246 | 460 | 11,141 | 11,722 | 12,394 | 12,812 | 14,188 | 14,509 | 69,946 | 106,799 | 81,843 |
| Tallow, tierces..... | 18 | 32 | 80 | 36 | 17 | 2 | 175 | 49 | 89 | 4,617 | 8,164 | 2,367 |
| Tobacco, Leaf, hds..... | 283 | 682 | 385 | 764 | 293 | 274 | 5,301 | 7,984 | 10,044 | 62,279 | 78,480 | 58,046 |
| Tobacco, Leaf, boxes and bales..... | 111 | 14 | ..... | 814 | 191 | ..... | 972 | 246 | 246 | 4,525 | 14,137 | 17,660 |
| Tobacco, Manufactured, pigs..... | 1,174 | 1,207 | 1,319 | 12,270 | 10,665 | 19,817 | 11,001 | 10,404 | 11,665 | 507,260 | 400,385 | 332,357 |
| Vinegar, Manufactured, pigs..... | 2,279 | 1,896 | 2,865 | 7,474 | 4,001 | 3,338 | 1,434 | 2,243 | 1,860 | 13,960 | 16,785 | 11,606 |
| Wine, bush..... | 38 | ..... | ..... | 7,098 | 10,016 | 17,822 | 11,822 | 94,741 | 3,362,429 | 2,089,174 | 2,089,174 | 851,997 |
| Whisky, bbls..... | 17,422 | 14,366 | 23,139 | 43,454 | 41,769 | 48,863 | 22,062 | 22,150 | 19,601 | 306,404 | 273,188 | 273,188 |
| Wine and Liquor, bbls..... | 249 | 231 | 481 | 3,917 | 1,407 | 2,566 | 1,339 | 769 | 992 | 7,530 | 5,800 | 2,893 |
| Wine and Liquor, baskets and boxes..... | 2,393 | 6,317 | 5,065 | 3,917 | 5,725 | 3,378 | 1,007 | 1,219 | 1,635 | 8,941 | 10,543 | 8,977 |
| Wool, bales..... | 10 | ..... | 703 | 715 | 407 | ..... | 1,527 | 1,527 | 1,527 | 28,211 | 16,086 | 20,410 |

* This table embraces solely such exports as are daily reported on the books of the Merchants' Exchange, but does not include any movement embraced in supplemental reports or returns: see Crockery, Cooperage, Horses, Oil, Pig Iron, Salt and Starch.

VALUE OF PRINCIPAL IMPORTS.

Value of the principal articles imported into Cincinnati for five years, each year ending August 31st:

| ARTICLES. | Total Quantity. 1878-79 | Total Value. 1878-79 | Total Value. 1877-78 | Total Value. 1876-77 | Total Value. 1875-76 | Total Value, 1874-75. |
|----------------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| Ale, Beer and Porter, bbls..... | 6,956 | \$55,648 | \$70,938 | \$55,667 | \$81,108 | \$65,825 |
| Apples, green, bbls..... | 239,275 | 442,658 | 385,545 | 384,550 | 670,575 | 450,153 |
| Bacon (see Hog Product)..... | | | | | | |
| Bagging, pieces..... | 36,372 | 163,674 | 310,145 | 350,686 | 400,456 | 351,013 |
| Bark, Tanners', cords..... | 16,000 | 184,000 | 180,000 | 224,794 | 158,697 | 169,780 |
| Barley, bush..... | 1,180,652 | 885,489 | 958,488 | 1,132,346 | 1,862,333 | 1,575,764 |
| Beans, bush..... | 36,786 | 55,104 | 33,222 | 62,863 | 67,387 | 99,180 |
| Beef, in barrels, lbs..... | 163,000 | 8,965 | 6,579 | 14,248 | 11,550 | 74,357 |
| Beef, in tierces, lbs..... | 84,300 | 4,636 | 28,545 | 16,297 | 83,387 | 131,689 |
| Boots and Shoes, cases..... | 137,062 | 5,058,542 | 5,695,033 | 5,265,000 | 5,753,860 | 7,131,969 |
| Bran, Middlings, etc., tons..... | 12,705 | 160,782 | 154,412 | 182,722 | 239,415 | 193,140 |
| Broom Corn, lbs..... | 1,441,800 | 50,463 | 70,195 | 95,523 | 11,550 | 11,550 |
| Butter, bbls..... | 471 | 11,304 | 18,487 | 53,061 | 12,576 | 40,600 |
| Rutter, firkins and kegs..... | 125,685 | 1,508,220 | 2,169,882 | 2,551,321 | 3,352,544 | 1,977,300 |
| Candles, boxes..... | 10,794 | 43,176 | 36,689 | 43,170 | 43,416 | 41,951 |
| Cattle, head..... | 182,954 | 8,162,176 | 8,226,196 | 10,657,336 | 10,970,258 | 13,224,282 |
| Cement and Plaster, bbls..... | 76,292 | 99,569 | 94,130 | 87,474 | 152,316 | 194,359 |
| Cheese, boxes..... | 104,664 | 305,618 | 431,137 | 633,903 | 762,542 | 874,377 |
| Cider, bbls..... | 2,744 | 10,976 | 6,332 | 14,236 | 10,070 | 16,100 |
| Coal, bush..... | 34,210,667 | 2,599,138 | 3,007,260 | 3,199,797 | 3,312,850 | 3,185,127 |
| Coffee, bags..... | 222,399 | 4,892,778 | 5,486,676 | 5,618,109 | 5,967,345 | 6,653,803 |
| Cooperage, pieces..... | 334,533 | 827,842 | 281,913 | 543,247 | 541,661 | 564,691 |
| Coopers' Stuff..... | | 625,000 | 550,000 | 122,400 | 1316,000 | 1373,000 |
| Corn, bush..... | 14,359,519 | 11,642,095 | 11,836,618 | 12,097,372 | 12,119,515 | 12,679,000 |
| Corn Meal, bbls..... | 3,252 | 7,937 | 6,340 | 5,882 | 15,258 | 7,238 |
| Cotton, bales..... | 249,069 | 12,155,381 | 9,660,763 | 9,215,167 | 9,676,627 | 10,638,600 |
| Crockery, pkgs..... | 15,472 | 556,992 | 597,155 | 1609,692 | 1677,435 | 1448,360 |
| Eggs, boxes and bbls..... | 106,786 | 922,631 | 883,840 | 834,616 | 755,652 | 609,534 |
| Feathers, sacks..... | 9,789 | 181,096 | 246,363 | 228,683 | 268,064 | 203,497 |
| Fish, bbls..... | 27,803 | 284,336 | 182,565 | 224,415 | 206,057 | 225,912 |
| Fish, kegs and kits..... | 32,022 | 28,819 | 25,448 | 39,802 | 29,621 | 41,574 |
| Fish, Cod, pkgs..... | 188 | 2,961 | 15,750 | 28,260 | 15,804 | 75,778 |
| Flour, bbls..... | 618,914 | 2,728,353 | 2,948,625 | 3,673,883 | 3,275,210 | 3,787,848 |
| Fruit, Dried, bush..... | 151,665 | 142,965 | 304,242 | 245,022 | 274,406 | 305,173 |
| Glass, Window, boxes..... | 64,146 | 128,292 | 76,068 | 54,872 | 104,833 | 196,460 |
| Glassware, pkgs..... | 193,627 | 532,474 | 671,449 | 684,072 | 686,735 | 708,505 |
| Grease, tierces..... | 38,102 | 571,540 | 472,232 | 700,532 | 907,913 | 1,016,092 |
| Hardware, pkgs..... | 103,936 | 5,300,736 | 5,631,777 | 6,044,876 | 6,195,007 | 7,460,271 |
| Hay, bales..... | 203,823 | 302,677 | 247,383 | 283,765 | 459,397 | 560,209 |
| Hemp, bdis. and bales..... | 32,420 | 753,765 | 786,765 | 1,248,468 | 1,182,780 | 961,150 |
| Herring, boxes..... | 11,856 | 2,964 | 2,549 | 5,331 | 2,061 | 2,023 |
| Hides, number..... | 218,995 | 1,016,769 | 850,183 | 883,716 | 1,019,563 | 1,242,675 |
| Hides, lbs..... | 170,890 | 13,671 | 5,481 | 82,001 | 24,527 | 23,519 |
| Hog Product—Bacon, lbs..... | *477,849 | 23,319 | *44,890 | *47,231 | *124,087 | *84,949 |
| Bulk, loose, lbs..... | *11,055,053 | 497,477 | *698,720 | *1,108,990 | *1,798,774 | *1,897,435 |
| Bulk, in boxes lbs..... | *965,300 | 44,017 | *35,716 | *36,240 | *45,647 | *64,449 |
| Hams, lbs..... | *4,815,405 | 337,078 | *510,401 | *469,149 | *687,529 | *358,976 |
| Lard, in tierces, lbs..... | 12,010,131 | 720,607 | 726,305 | 899,900 | 1,755,841 | 1,616,533 |
| Lard, in kegs, lbs..... | 13,060 | 1,142 | 3,366 | 2,800 | 2,182 | 5,722 |
| Pork, bbls..... | 5,035 | 46,573 | 31,969 | 82,661 | 127,323 | 184,684 |
| Hogs, head..... | 1,067,453 | 8,444,835 | 11,114,772 | 13,443,083 | 15,696,449 | 16,659,790 |
| Hops, bales..... | 7,982 | 207,532 | 199,318 | 464,557 | 191,345 | 494,550 |
| Horses, head..... | 117,998 | 11,217,204 | 11,209,889 | 1888,880 | 1828,932 | 1794,604 |
| Ice, tons..... | 9,200,000 | 400,000 | 11,217,204 | 1888,880 | 1828,932 | 1794,604 |
| Iron and Steel, pieces..... | 162,287 | 243,430 | 676,990 | 837,871 | 878,484 | 290,416 |
| Iron and Steel, bdis..... | 88,149 | 167,483 | 391,232 | 502,892 | 470,463 | 258,065 |
| Iron and Steel, tons..... | 68,528 | 2,398,480 | 1,530,795 | 2,162,762 | 3,118,626 | 2,901,885 |
| Iron, Pig, tons..... | *212,281 | 4,583,146 | *2,875,830 | *3,118,743 | *3,463,173 | *3,432,348 |
| Lard, (see Hog Product)..... | | | | | | |
| Lead, pigs..... | 129,212 | 410,894 | 424,240 | 609,021 | 959,019 | 855,238 |
| Leather, bdis..... | 36,344 | 1,951,600 | 1,677,775 | 1,997,476 | 1,459,059 | 1,527,818 |
| Lemons, boxes..... | 25,307 | 116,535 | 83,275 | 121,715 | 151,968 | 103,751 |
| Lime, bbls..... | 114,316 | 74,305 | 75,183 | 89,934 | 80,356 | 91,741 |
| Liquors, hdds. and pipes..... | 933 | 149,280 | 108,800 | 91,000 | 150,675 | 410,600 |
| Lumber, sq. ft..... | 114,000,000 | 2,628,500 | 1,698,000 | 2,205,000 | 1,789,000 | 2,019,350 |
| Malt, bush..... | 276,548 | 152,101 | 215,289 | 169,285 | 156,832 | 299,111 |
| Merchandise, sundry, pkgs..... | 1,142,192 | 76,526,864 | 101,527,758 | 116,693,720 | 140,955,040 | 146,050,000 |

VALUE OF PRINCIPAL IMPORTS—Continued.

| ARTICLES. | Total Quantity. 1878-79 | Total Value. 1878-79 | Total Value. 1877-78 | Total Value. 1876-77 | Total Value. 1875-76 | Total Value. 1874-75 |
|---|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Merchandise, sundry, tons..... | 11,470 | \$9,600,890 | \$2,176,200 | \$347,784 | \$815,280 | \$5,443,800 |
| Molasses, bbls..... | 42,387 | 719,729 | 876,724 | 1,057,848 | 1,154,975 | 1,114,299 |
| Nails, kegs..... | 509,164 | 1,247,451 | 1,272,172 | 1,309,584 | 1,459,629 | 1,452,888 |
| Oakum, bales..... | 3,994 | 15,496 | 18,000 | 20,768 | 16,466 | 15,168 |
| Oats, bush..... | 11,388,572 | 1,377,614 | 1,432,767 | 370,206 | 576,463 | 794,028 |
| Oil, bbls..... | 72,574 | 1,098,061 | 1,166,725 | 1,184,450 | 1,594,210 | 700,679 |
| Oil Cake, tons..... | 1,437 | 34,488 | 27,967 | 68,576 | 29,252 | 48,721 |
| Onions, bbls. and sacks..... | 12,457 | 34,256 | 20,591 | 37,186 | 28,908 | 59,865 |
| Oranges, boxes..... | 40,486 | 192,308 | 219,735 | 159,682 | 159,782 | 142,255 |
| Peanuts, bush..... | 238,340 | 298,340 | 276,505 | 346,158 | 338,365 | 250,776 |
| Petroleum, bbls..... | 1,286,804 | 11,876,785 | 11,521,058 | 1,662,280 | 1,635,521 | 869,164 |
| Pitch, bbls..... | 1,670 | 5,340 | 4,938 | 15,983 | 6,002 | 4,610 |
| Pork, (see Hog Product)..... | | | | | | |
| Potatoes, bags and bbls..... | 180,209 | 329,782 | 208,523 | 475,075 | 303,141 | 720,897 |
| Raisins, Figs, etc., boxes..... | 30,406 | 83,616 | 73,989 | 86,925 | 61,176 | 75,371 |
| Rice, tierces..... | 10,201 | 295,829 | 415,068 | 632,196 | 726,960 | 384,034 |
| Rope, Twine, etc., pkgs..... | 14,167 | 595,014 | 539,002 | 611,985 | 475,805 | 663,748 |
| Rosin, bbls..... | 30,066 | 87,162 | 91,045 | 90,375 | 85,793 | 102,004 |
| Rye, bush..... | 1489,780 | 1,263,256 | 1,221,035 | 818,223 | 375,886 | 566,687 |
| Salt, bbls..... | 281,285 | 309,413 | 1,555,229 | 1,371,861 | 1,458,410 | 1,455,847 |
| Salt, sacks..... | 58,098 | 52,098 | 56,262 | 62,171 | 84,995 | 60,364 |
| Seed—Flax, bags..... | 39,150 | 90,828 | 120,859 | 142,020 | 122,050 | 75,807 |
| Clover, Timothy, etc., bags..... | 35,712 | 424,623 | 579,048 | 1,251,786 | 818,847 | 862,005 |
| Shen, head..... | 404,574 | 1,685,590 | 1,499,042 | 1,006,449 | 1,639,689 | 1,209,880 |
| Shingles..... | 30,000,000 | 115,000 | 70,000 | 52,500 | 106,250 | 52,500 |
| Shot, kegs..... | 2,266 | 43,507 | 76,720 | 88,812 | 1,919 | 78,470 |
| Spices, pkgs..... | 2,508 | 82,764 | 56,175 | 81,472 | 78,692 | 120,178 |
| Starch, boxes..... | 450,669 | 680,802 | 410,148 | 425,965 | 581,183 | 430,854 |
| Stearine, tierces..... | 1,379 | 20,685 | 49,900 | 38,161 | 50,082 | 47,800 |
| Stone..... | | 361,250 | 378,000 | 420,000 | 440,000 | 246,000 |
| Sugar, hhds..... | 28,751 | 2,415,084 | 776,730 | 2,343,915 | 1,755,534 | 1,168,873 |
| Sugar, bbls..... | 142,586 | 3,350,771 | 5,586,084 | 4,874,250 | 4,204,200 | 4,659,462 |
| Tallow, tierces..... | 27,412 | 541,387 | 699,936 | 721,706 | 739,438 | 885,020 |
| Tar, bbls..... | 4,576 | 12,584 | 8,230 | 12,545 | 9,415 | 14,887 |
| Tea, pkgs..... | 10,916 | 403,892 | 333,810 | 480,045 | 483,800 | 700,520 |
| Tobacco, Leaf, hhds..... | 78,137 | 8,009,042 | 6,885,840 | 5,697,360 | 6,195,138 | 6,106,590 |
| Tobacco, Leaf, cases and bales..... | 115,932 | 823,300 | 999,250 | 820,460 | 940,900 | 540,025 |
| Tobacco, Manufactured, pkgs..... | 263,707 | 3,025,000 | 4,752,399 | 5,142,015 | 7,140,960 | 7,470,125 |
| Turpentine, bbls..... | 5,661 | 76,428 | 80,470 | 65,268 | 78,574 | 82,800 |
| Wheat, bush..... | 3,834,722 | 3,681,533 | 3,779,675 | 2,025,959 | 1,156,247 | 1,386,827 |
| Whisky, bbls..... | 139,262 | 78,491,124 | 76,825,027 | 18,833,759 | 17,983,862 | 19,386,074 |
| Wines and Liquors, bbls..... | 13,574 | 583,682 | 552,120 | 1,166,230 | 872,602 | 691,704 |
| Wines and Liquors, boxes and baskets..... | 25,488 | 305,796 | 339,060 | 316,912 | 222,952 | 567,565 |
| Wood, cords..... | 7,100 | 30,175 | 31,500 | ? | ? | ? |
| Wool, bales..... | 29,771 | 1,329,695 | 988,918 | 1,074,205 | 854,520 | 894,748 |
| Yarn, Warps, etc., Cotton, pkgs..... | 7,737 | 400,000 | 192,165 | 198,400 | 337,360 | 548,856 |
| Total..... | | \$208,153,301 | \$223,287,157 | \$260,892,540 | \$294,214,245 | \$311,072,639 |

* Prior to 1874-75, the hog product was reported in packages, without regard to the kinds of meat. In 1874-75 and since, it was reported in pounds, with a view of having each kind of product appear under its appropriate head (the bulk meats, embracing also green meats), though, on account of the indefiniteness in this particular of the bills and books of transportation companies, it is difficult, in many instances, to arrive at exact facts as to the kinds of meat. The value of these articles, prior to 1874-75, remains under the old classification.

† Embracing also sales made at Cincinnati, where goods were shipped directly from the place of manufacture or storage, without the same stopping at this city.

‡ Supplemental reports embraced.

|| Wood also embraced.

‡ Embraced with Coopers' Stuff.

¶ Not reported.

c, Not including stone used in the new U. S. Government building.

d, Not including receipts from Lockland and St. Bernard, which were previously embraced.

f, Embracing only receipts from points beyond Cincinnati, Covington, Newport and Petersburg. Prior to 1877-78, receipts from the latter cities by both wagon and public conveyances were embraced, which accounts for the great disparity between 1877-78 and 1878-79 and former years.

g, Embracing all ice put up for the Cincinnati market.

VALUE OF PRINCIPAL EXPORTS.

Value of the principal articles exported from Cincinnati for five years, each year ending August 31st:

| ARTICLES. | Total Quantity, 1878-79. | Total Value, 1878-79. | Total Value, 1877-78. | Total Value, 1876-77. | Total Value, 1875-76. | Total Value, 1874-75. |
|-----------------------------------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Alcohol, bbls..... | 12,775 | \$1,188,075 | \$746,232 | \$234,840 | \$155,288 | \$109,196 |
| Ale, Beer and Porter, bbls..... | 162,593 | 1,468,337 | 1,846,840 | 1,670,838 | 1,410,300 | 1,228,185 |
| Apples, Green, bbls..... | 151,618 | 310,816 | 266,822 | 334,637 | 261,949 | 156,295 |
| Bacon (see Hog Product)..... | | | | | | |
| Bagging, pieces..... | 45,561 | 227,805 | 389,598 | 374,430 | 357,125 | 374,726 |
| Barley, bushels..... | 264,648 | 291,112 | 76,642 | 137,170 | 279,067 | 117,481 |
| Beans, bushels..... | 13,902 | 24,328 | 17,430 | 50,564 | 64,017 | 75,739 |
| Beef, in barrels, lbs..... | 2,591,220 | 142,517 | 103,815 | 123,901 | 106,465 | 197,554 |
| Beef, in tierces, lbs..... | 826,400 | 45,452 | 114,744 | 122,258 | 265,800 | 397,121 |
| Boots and Shoes, cases..... | 121,325 | 6,672,875 | 5,682,376 | 6,351,660 | 5,141,500 | 5,064,224 |
| Bran, Middlings, etc., tons..... | 6,894 | 69,434 | 71,751 | 94,477 | 141,354 | 76,496 |
| Brooms, dozen..... | 19,200 | 43,200 | 22,549 | 25,472 | 40,792 | 66,260 |
| Broom Corn, lbs..... | 733,700 | 44,022 | 41,946 | 1 | 1 | 1 |
| Butter, bbls..... | 1,153 | 27,672 | 18,557 | 45,198 | 38,710 | 46,696 |
| Butter, firkins and kegs..... | 41,950 | 566,325 | 782,429 | 898,200 | 727,092 | 822,656 |
| Candles, boxes..... | 222,360 | 889,440 | 1,228,153 | 1,360,327 | 1,648,233 | 1,978,830 |
| Castings, pieces..... | 11,192 | 72,748 | 207,888 | 237,678 | 253,125 | 268,600 |
| Castings, tons..... | 22,969 | 1,423,458 | 974,268 | 561,821 | 608,770 | 820,325 |
| Cattle, head..... | 82,416 | 4,944,960 | 5,234,740 | 6,916,000 | 5,899,320 | 7,759,550 |
| Cement and Plaster, bbls..... | 21,421 | 38,681 | 23,798 | 27,098 | 35,529 | 45,390 |
| Chairs, dozen..... | 11,909 | a..... | 213,182 | 226,372 | 239,106 | 326,904 |
| Cheese, boxes..... | 62,876 | 202,460 | 332,652 | 475,333 | 557,731 | 621,007 |
| Coal, bush..... | 6,494,600 | 636,470 | 482,410 | 573,870 | 560,671 | 600,800 |
| Coffee, sacks..... | 177,575 | 4,261,800 | 4,927,608 | 5,035,232 | 3,880,470 | 4,418,470 |
| Cooperage, pieces..... | 179,845 | 242,790 | 115,283 | 200,426 | 228,084 | 218,199 |
| Coopers' Stuff..... | | 250,000 | 230,000 | 1 | 1 | 1 |
| Corn, bushels..... | 915,390 | 368,444 | 556,397 | 688,813 | 555,295 | 446,985 |
| Corn Meal, bbls..... | 5,109 | 14,816 | 12,054 | 10,542 | 13,441 | 7,966 |
| Cotton, bales..... | 244,332 | 12,165,467 | 9,613,111 | 9,021,285 | 8,966,551 | 10,538,500 |
| Crockery, pkgs..... | 36,824 | 773,304 | 735,750 | 1636,025 | 1670,408 | 1729,060 |
| Eggs, boxes and barrels..... | 16,770 | 201,240 | 233,884 | 227,252 | 198,185 | 192,907 |
| Feathers, sacks..... | 9,993 | 194,663 | 244,104 | 256,187 | 307,353 | 229,278 |
| Fish, bbls..... | 10,532 | 107,953 | 63,886 | 75,570 | 75,698 | 90,153 |
| Fish, kegs and kits..... | 42,701 | 44,836 | 89,774 | 67,251 | 60,987 | 76,561 |
| Flour, bbls..... | 398,653 | 1,821,096 | 1,806,351 | 1,974,583 | 2,139,572 | 2,367,900 |
| Fruit, dried, bushels..... | 88,474 | 85,592 | 250,380 | 140,180 | 166,532 | 180,520 |
| Furniture, pkgs..... | 109,886 | 95,968,204 | 5,089,207 | 5,494,860 | 5,616,372 | 6,392,856 |
| Glass, window, boxes..... | 36,344 | 83,591 | 55,188 | 32,032 | 60,075 | 118,019 |
| Glassware, pkgs..... | 158,226 | 612,334 | 755,656 | 661,641 | 571,872 | 488,875 |
| Grease, tierces..... | 11,635 | 186,160 | 206,120 | 262,776 | 874,866 | 206,190 |
| Hardware, pkgs..... | 123,955 | 4,162,380 | 4,778,582 | 5,111,802 | 4,851,333 | 4,985,230 |
| Hay, bales..... | 4,984 | 8,398 | 29,185 | 6,964 | 21,309 | 21,983 |
| Hemp, bundles and bales..... | 22,988 | 603,435 | 664,640 | 1,088,352 | 970,836 | 753,978 |
| Hides, number..... | 168,853 | 675,412 | 552,942 | 786,784 | 666,269 | 838,246 |
| Hides, lbs..... | 65,354 | 5,391 | 7,891 | 15,177 | 4,137 | 11,813 |
| Hog Product—Bacon, lbs..... | *28,319,529 | 1,882,826 | 1,396,087 | 1,913,230 | 3,073,433 | 4,110,959 |
| Bulk, loose, lbs..... | *25,887,275 | 1,141,381 | 1,697,185 | 2,881,809 | 3,365,746 | 3,586,251 |
| Bulk, in boxes, lbs..... | *27,061,000 | 1,255,397 | 961,590 | 1,045,024 | 1,007,927 | 568,516 |
| Hams, lbs..... | *22,445,921 | 2,094,952 | 2,360,105 | 2,486,540 | 3,464,351 | 3,456,442 |
| Lard, in tierces, lbs..... | 42,208,320 | 2,638,020 | 3,486,547 | 3,436,412 | 4,607,052 | 4,215,019 |
| Lard, in kegs, lbs..... | 193,685 | 16,948 | 25,672 | 55,014 | 79,932 | 158,317 |
| Pork, bbls..... | 57,111 | 498,998 | 807,224 | 1,014,924 | 1,150,637 | 924,370 |
| Hogs, head..... | 240,217 | 1,561,800 | 1,715,137 | 2,557,786 | 2,629,925 | 2,350,908 |
| Hops, bales..... | 1,608 | 49,848 | 54,964 | 85,660 | 79,240 | 111,033 |
| Horses, head..... | 113,673 | 1924,705 | 1969,026 | 1949,280 | 1706,496 | 1542,800 |
| Iron and Steel, pieces..... | 142,465 | 213,607 | 482,187 | 555,724 | 181,901 | 266,596 |
| Iron and Steel, bundles..... | 85,685 | 149,948 | 334,426 | 329,309 | 202,608 | 603,144 |
| Iron and Steel, tons..... | 62,960 | 2,771,120 | 1,832,820 | 1,707,205 | 2,056,320 | 1,821,496 |
| Iron, Pig, tons..... | 1187,699 | 12,952,421 | 12,350,159 | 12,750,849 | 13,142,408 | 12,303,273 |
| Lard (see Hog Product)..... | | | | | | |
| Lead, white, kegs..... | 374,968 | 656,194 | 693,653 | 396,002 | 394,671 | 426,940 |
| Leather, bundles..... | 39,965 | 2,301,984 | 2,159,481 | 2,804,060 | 2,329,077 | 2,157,668 |
| Lime, bbls..... | 26,587 | 21,269 | 20,813 | 22,002 | 17,826 | 26,674 |
| Malt, bushels..... | 260,187 | 221,158 | 154,792 | 169,605 | 211,686 | 388,176 |
| Manufactures, sundry, pieces..... | 61,077 | 544,654 | 315,137 | 133,911 | 180,117 | 233,557 |
| Merchandise, sundry, pkgs..... | 1,192,615 | 41,511,983 | 49,956,310 | 52,021,585 | 51,192,120 | 56,826,000 |
| Merchandise, sundry, tons..... | 13,045 | 18,654,350 | 10,386,090 | 6,733,650 | 7,210,630 | 6,470,940 |

VALUE OF PRINCIPAL EXPORTS—Continued.

| ARTICLES. | Total Quantity, 1878-79. | Total Value, 1878-79. | Total Value, 1877-78. | Total Value, 1876-77. | Total Value, 1875-76. | Total Value, 1874-75. |
|---|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Molasses, bbls..... | 35,800 | \$650,200 | \$667,563 | \$723,140 | \$738,650 | \$829,966 |
| Nails, kegs..... | 485,192 | 1,109,739 | 1,092,105 | 1,073,050 | 1,247,988 | 1,265,049 |
| Naval Stores, bbls..... | 10,203 | 53,565 | 75,286 | 74,420 | 65,016 | 52,659 |
| Oats, bushels..... | 305,307 | 88,539 | 46,132 | 44,274 | 144,790 | 119,810 |
| Oil, bbls..... | †333,022 | †3,114,591 | †3,210,464 | 3,163,950 | 3,083,335 | 3,306,252 |
| Oil Cake, tons..... | 2,350 | 56,400 | 43,513 | 92,320 | 64,503 | 80,427 |
| Onions, bbls and sacks..... | 11,218 | 33,654 | 11,408 | 28,726 | 26,682 | 24,226 |
| Peanuts, bush..... | 249,255 | 311,568 | 444,531 | 217,090 | 180,895 | 284,760 |
| Pork (see Hog Product)..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Potatoes, bags and barrels..... | 102,541 | 213,285 | 111,501 | 281,850 | 230,787 | 351,234 |
| Rope, Twine, etc., pkgs..... | 32,461 | 1,245,000 | 812,029 | 850,052 | 843,450 | 1,012,140 |
| Rye, bushels..... | 153,859 | 85,776 | 76,230 | 113,421 | 137,370 | 109,032 |
| Salt, bbls..... | 171,019 | 196,671 | †202,573 | †268,280 | †294,178 | †315,069 |
| Salt, sacks..... | 3,559 | 3,914 | 11,396 | 18,382 | 19,477 | 7,714 |
| Seed—Flax, bags..... | 9,710 | 21,498 | 21,619 | 14,982 | 14,816 | 81,492 |
| Clover, Timothy, etc., bags..... | 50,605 | 434,215 | 633,829 | 1,094,647 | 663,207 | 794,824 |
| Sheep, head..... | 329,578 | 1,493,101 | 1,291,329 | 998,545 | 1,391,600 | 946,038 |
| Soap, boxes..... | 448,372 | 1,459,159 | 1,283,807 | 1,380,132 | 1,086,544 | 933,317 |
| Spices, pkgs..... | 1,587 | 56,610 | 23,225 | 50,504 | 48,072 | 82,602 |
| Starch, boxes..... | †538,398 | †646,077 | †708,624 | †739,498 | †771,383 | †786,058 |
| Stearine, tierces..... | 8,424 | 202,176 | 247,401 | 390,508 | 721,945 | 719,930 |
| Stone..... | ..... | 214,000 | 216,000 | 240,000 | 512,500 | 115,000 |
| Sugar, hhds..... | 21,330 | 1,877,040 | 570,510 | 1,959,980 | 1,215,500 | 810,855 |
| Sugar, bbls..... | 94,015 | 2,397,382 | 3,922,172 | 3,545,945 | 3,207,060 | 2,886,270 |
| Tallow, tierces..... | 4,846 | 95,708 | 75,026 | 65,208 | 148,230 | 108,414 |
| Tobacco, leaf, hhds..... | 69,220 | 7,787,250 | 7,484,312 | 6,188,310 | 6,501,330 | 6,487,350 |
| Tobacco, leaf, cases and bales..... | 18,477 | 508,525 | 667,020 | 729,000 | 734,700 | 570,440 |
| Tobacco, manufactured, pkgs..... | 531,705 | 6,274,063 | 7,029,475 | 8,356,202 | 9,629,169 | 10,434,816 |
| Vinegar, bbls..... | 23,157 | 104,206 | 107,239 | 110,286 | 87,685 | 101,787 |
| Wheat, bushels..... | 3,383,267 | 3,315,719 | 3,239,802 | 1,375,308 | 625,242 | 750,777 |
| Whisky barrels..... | 397,816 | 20,558,300 | 18,182,400 | 19,310,391 | 17,890,496 | 19,181,776 |
| Wines and Liquors, barrels..... | 10,908 | 578,124 | 437,621 | 362,626 | 476,585 | 876,680 |
| Wines and Liquors, boxes and baskets..... | 16,218 | 202,725 | 297,925 | 291,334 | 233,662 | 564,443 |
| Wool, bales..... | 30,251 | 1,633,554 | 995,004 | 1,408,176 | 890,250 | 926,900 |
| Total..... | ..... | \$192,338,337 | \$186,209,646 | \$191,486,831 | \$190,186,929 | \$201,404,023 |

* Prior to 1874-75, the hog product was reported in packages, without regard to the kind of meats. In 1874-75 and since, it was reported in pounds, with a view of having each kind of product under its appropriate head (the bulk meats, loose, also embracing green meats), though, on account of the indefiniteness in this particular of the bills and books of transportation companies, it is difficult, in many instances, to arrive at exact facts as to kinds of meat. The value of these articles, prior to 1874-75, remains under the old classification.

† Embracing also sales made at Cincinnati, where goods were shipped directly from the place of manufacture or storage, without the same stopping at this city.

‡ Supplemental reports embraced.

¶ Not reported.

a, Included in furniture.

RULES AND REGULATIONS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE,
FOR THE
GOVERNMENT OF VARIOUS DEPARTMENTS OF TRADE,
IN FORCE JANUARY 1, 1880.

RULES REGARDING SALES OF HIGHWINES.

RULE 1. Sales of Highwines made "subject to the market," must not be entered with the price affixed. In order to avoid duplication in the sale of Highwines, the person reporting such sale will furnish the name of both buyer and seller, together with the brand of the same.

RULE 2. No sales, aside from those actually made at a fixed price, and for cash, shall in any way affect the market price—by cash being understood, payment the second day after delivery.

RULE 3. Each and every sale of Highwines shall be entered separately.

†RULE 4. Highwines sold to arrive must be entered with the condition annexed, but shall not affect the market price, but any seller of Highwines, when the terms of sale require delivery at the store of the buyer, can, if mutually agreed, have until noon of the following day to deliver; provided, such Highwines are actually in bond, and the sale is made during 'Change hours, and such a sale shall not be held to be a sale to arrive.

RULE 5. Highwines thirty days old and older shall be quoted as "old" Highwines, without price affixed.

RULE 6. When Highwines are engaged subject to agreement in price, the price may be settled on arrival and quoted.

RULE 7. Transactions between Highwine Commission Merchants, or between Distillers, or between Distillers and Highwine Commission Merchants, can not be quoted; nor can those between Rectifiers or Wholesale Dealers, or Rectifiers and Wholesale Dealers.

RULE 8. Sales made after sounding of the gong can not be quoted on the same day.

RULE 9. The majority of actual sales at a fixed price, not excepted as heretofore, shall make the market price.

RULE 10. Where there are no actual transactions at a fixed price reported, all settlements of sales, "at the market," shall be at the price of the previous day.

RULE 11. All Highwines shall be gauged on the day of sale.

* RULES FOR THE REGULATION OF THE GRAIN TRADE IN CINCINNATI.

RULE 1. The Board of Officers of the Chamber of Commerce shall appoint a suitable and competent person as Inspector of Grain.

*As amended February 11, March 4, June 3, December 3, 1878, and September 2, 1879.

†As amended November 22; to take effect December 1, 1879.

†RULE 2. It shall be the duty of the Inspector to inspect, sample and grade, according to the classifications which may be adopted, from time to time, by the Chamber of Commerce, all grain received in this city in bulk, except corn on the ear, and grain in transitu, and, also, except consignments to parties, who, on application of the Inspector, may direct him not to inspect their bulk grain without special instructions; and to inspect any other grain when called on to do so by the consignee or purchaser; also, all grain sent by transportation lines, to be stored in elevators or public warehouses, without the consent and knowledge of the consignees. He shall also furnish samples, with grading and car numbers, to consignees, when desired. Inspection to be at the expense of the shipper.

RULE 3. The Inspector shall have free access to all grain that has been inspected by him, stored in any warehouse or elevator; and when such grain is to be removed from such warehouse or elevator, shall, when called upon so to do by any party interested, re-inspect the same.

RULE 4. A certificate of inspection shall be furnished when required by the party ordering the inspection.

RULE 5. Upon any difference of opinion between buyer and seller, when grain has been sold by sample, the Inspector may be called upon, and his decision, by comparison, shall be binding between the parties.

RULE 6. Any party thinking himself aggrieved by the decision of the Inspector, may appeal to the Committee on Grain Inspection, and the case shall then be decided according to the rules of the Chamber of Commerce.

RULE 7. The Grain Inspector shall not inspect grain at any elevator or warehouse, or for any party, unless the proprietor or manager of such elevator or warehouse, or other party desiring his services, shall conform to the rules in reference to inspections established by the Chamber of Commerce.

RULE 8. The Grain Inspector shall not be allowed to trade in any article of which he is the Inspector.

RULE 9. The fees of the Inspector shall be as follows:

†Thirty (30) cents per car, and fifty (50) cents per mid-ship of canal boats, to all who shall give him permission to inspect all their consignments of bulk grain, except it be located at Brighton Station, when seventy-five (75) cents per car may be charged.

†In sacks, the charge may be one (1) cent per sack, for the first 100 sacks, and one-half ($\frac{1}{2}$) cent per sack for any additional number inspected in one place at one time.

†The Inspector shall be privileged to charge one dollar (\$1 00) per car, and one dollar (\$1 00) per mid-ship, to those for whom he does not uniformly inspect bulk grain, as contemplated in the exception named in Rule 2.

‡For Mill Feed the fees shall be as follows:

In bulk, \$1 00 per car load.

In sacks, one (1) cent per sack.

RULE 10. All bulk grain sold from elevators and warehouses, to be regular, shall have three (3) days' storage to run from day of sale.

RULE 11. All grain inspected in bags will be graded by the lowest grade found.

RULE 12. Elevator Companies must deliver grain equal to the standard of the grade called for by the Elevator receipt.

RULE 13. In all sales of car lots of grain to arrive, unless otherwise stated, a "car load" shall be twenty-four thousand (24,000) pounds, any excess or deficiency to be settled at the market price when delivered.

RULE 14. In all sales by sample to arrive, the purchaser shall have the right to accept or reject, if not up to sample; but the seller shall not be required to furnish other property in place of specific lots sold, unless otherwise agreed upon.

RULE 15. All grain sold by sample shall be examined by the purchaser at the place of delivery, and shall be accepted or rejected within twenty-four hours from the time the order is given for the same.

RULE 16. All sales or purchases of grain for future delivery, shall, upon default of either party, be settled at the market value of the grain on the day the contract matures.

†As amended December 3, 1878; to take effect January 1, 1879.

‡Adopted March 4, 1878. Grain Inspector authorized, permanently, to inspect Mill Feed, October 8, 1878.

***RULE 17.** All grain shall be weighed at place of delivery by a weigher, appointed by the Chamber of Commerce, upon request of either buyer or seller; the expense of weighing to be borne by the seller, except at elevator and warehouses, where the expense of weighing shall be borne by the party requesting the same, unless otherwise agreed upon.

CLASSIFICATION.

WINTER WHEAT.

No. 1 WHITE.—To be pure white, bright, sound, plump, free from smut and other grain, and well cleaned, to weigh not less than 60 pounds per measured bushel.

No. 2 WHITE.—To be white, sound and reasonably clean; to weigh not less than 58 pounds per measured bushel.

No. 3 WHITE.—To include all sound, inferior, shrunken or dirty white wheat, not so much damaged from any cause as to be unfit for flouring, to weigh not less than 55 pounds per measured bushel.

No. 1 AMBER.—To be pure amber, bright, sound, plump, free from smut and other grains, and well cleaned; to weigh not less than 60 pounds per measured bushel.

No. 2 AMBER.—To be amber, sound, reasonably clean, and slightly mixed with white and red; to weigh not less than 58 pounds per measured bushel.

No. 3 AMBER.—To include all sound, inferior, shrunken or dirty amber wheat, not so much damaged from any cause as to be unfit for flouring; to weigh not less than 55 pounds per measured bushel.

No. 1 RED.—To be red, or red and white mixed, sound, plump, well cleaned, and free from other grain or smut; to weigh not less than 60 pounds per measured bushel.

No. 2 RED.—To be red, or red and white mixed, sound and reasonably clean, to weigh not less than 58 pounds per measured bushel.

No. 3 RED.—To include all sound, inferior, shrunken or dirty red wheat, not so much damaged from any cause as to be unfit for flouring; to weigh not less than 55 pounds per measured bushel.

REJECTED.—To include all wheat so badly damaged, from any cause, as to render it unfit for No. 3.

SPRING WHEAT.

No. 1. To be bright, sound, plump, and well cleaned; to weigh not less than 58 pounds per measured bushel.

No. 2.—To be sound, reasonably clean, and reasonably free from other grain; to weigh not less than 56 pounds per measured bushel.

No. 3.—To include all sound, inferior, shrunken or dirty wheat, not so much damaged from any cause as to be unfit for flouring; to weigh not less than 54 pounds per measured bushel.

REJECTED.—To include all wheat so badly damaged, from any cause, as to render it unfit for No. 3.

In all cases where spring and winter wheat have been mixed, it shall be called spring wheat and graded according to quality.

CORN.

No. 1 WHITE.—To be white, sound, dry, plump and well cleaned.

No. 2 WHITE.—To be white, sound, dry, reasonably clean, but may contain a limited number of colored grains.

No. 1 YELLOW.—To be yellow, sound, dry, plump and well cleaned.

No. 2 YELLOW.—To be yellow, sound, dry, and reasonably clean, but may contain a limited number of white or colored grains other than yellow.

No. 1 MIXED.—To be mixed, sound, dry, plump and well cleaned.

*As amended June 3, 1878.

No. 2 MIXED.—To be mixed, sound, dry, and reasonably clean, but not equal to No. 1 corn.

No. 3 MIXED.—To be equal to No. 2, except it may contain slightly damp corn, and a few shrunk and rotten grains.

REJECTED.—To include all corn, from any cause, below the grade of No. 3.

OATS.

No. 1 WHITE.—To be pure white, sound, bright, free from other grain, and well cleaned.

No. 2 WHITE.—To be white, sound, reasonably clean, but may contain a limited number of colored oats or other grain.

No. 1 MIXED.—To be sound, bright, free from other grain, and well cleaned.

No. 2 MIXED.—To be sound, reasonably clean, and reasonably free from other grain.

REJECTED.—To include all oats, dirty or badly mixed with other grain, or for any cause below No. 2.

RYE.

No. 1.—To be sound, plump and well cleaned.

No. 2.—To be sound, reasonably clean, and not too much mixed with other grain.

No. 3.—To include all sound, inferior, shrunken, dirty, or slightly damp rye, not so much damaged, from any cause, as to be unfit for milling or distilling purposes.

REJECTED.—To include all rye which is damp, musty, dirty, or from any other cause unfit for No. 3.

BARLEY.

No. 1 WINTER.—To be sound, plump, clean, bright, and free from other grain.

No. 2 WINTER.—To be sound and reasonably clean, but not bright or plump enough for No. 1 (may be slightly broken), and reasonably free from other grain, and shall weigh not less than forty-eight pounds to the measured bushel.

No. 3 WINTER.—To include shrunken or otherwise slightly damaged barley. May be slightly mixed with other grain, but not unfit for malting, and shall weigh not less than forty-four pounds to the measured bushel.

†EXTRA No. 3 WINTER.—Shall be sound, may be somewhat stained, but otherwise, except as to weight, equal to No. 2, and shall weigh not less than forty-six (46) pounds to the measured bushel.

No. 1 SPRING.—To be same as No. 1 Winter.

No. 2 SPRING.—To be same as No. 2 Winter.

No. 3 SPRING.—To be same as No. 3 Winter.

†EXTRA No. 3 SPRING.—To be the same as extra No. 3 Winter.

REJECTED.—To include all winter or spring barley, unsound or below the above standard in other respects.

No hot grain of any kind will be graded.

ELEVATOR CHARGES.

On all grain one cent per bushel for the first ten days, or part thereof, and one cent for each subsequent thirty days, or part thereof, including the delivery in seamless bags. Extra charges for delivery in other kinds of sacks.

*RULES FOR THE REGULATION OF THE GRAIN CALL BOARD.

RULE 1. When ten members shall desire the opening of a Call Board, they shall have the right to meet at 1 o'clock on 'Change, and designate one of their number as the Caller.

†Adopted by the Board of Officers, September 2, 1879.

*Adopted by the Board of Officers, April 7, 1877. These rules, it was specially provided by the Board, should apply only to the Call Board.

The Caller shall at once proceed to call the various grains and grades in the order they appear in the Inspection Rules, beginning with "Cash," then the month, then the next month, and so on with the next grain, until the list is completed.

All disputes shall be decided by the Caller, when appealed to, on the spot, subject to an appeal to the members present at the time, who shall decide the dispute on the spot, and whose decision shall be final.

RULE 2. On Time Contracts, purchasers shall have the right to require of sellers, as security, 10 per cent. margins upon the contract price of the property bought, and further security, from time to time, as the market advances; but no margin of less than 5 per cent. shall be called for, and then only when the market has advanced equal to 6 per cent.

RULE 3. Sellers shall have the right to require, as security from buyers, 10 per cent. margins on the contract price of the property sold, and further security, from time to time, as the market may decline; but no call shall be made for less than 5 per cent., and then only when the market has declined equal to 6 per cent.

RULE 4. All securities or margins shall be deposited with the National Bank of Commerce of Cincinnati, unless otherwise agreed upon.

The banks so agreed upon shall issue certificates, in duplicate, for all such deposits. Said certificates shall be in the following form, to wit:

Original (or) Duplicate.

Not Negotiable or Transferable.

CINCINNATI, ———, 18—.

——— has deposited with ———, ——— dollars, as margin or security on a contract or contracts between the depositors and ———, which amount is payable on the return of this certificate or its duplicate duly endorsed by both of the above named parties, or on the order of the President of the Chamber of Commerce of the City of Cincinnati, indorsed on either the original or duplicate hereof, as provided by the rules of the said Chamber of Commerce, under which the above named deposit has been made.

———, Cashier.

RULE 5. All deposits so made shall be held to have been made as security for the faithful fulfillment of any contracts made, or to be made, between the parties during the time the deposit shall remain unpaid. *Provided*, it shall be competent for either party to a contract to demand that the certificate shall express the particular contract upon which the deposit shall have been made, and in such case the deposit shall be applicable only to the settlement of that contract.

RULE 6. Should any party called upon as herein provided for, fail to deposit security or margins within the next three banking hours thereafter, it shall be optional with the party making such call, by giving immediate notice to the delinquent, to consider the contract matured and closed at the market value of the property contracted for at the time of giving such notice; and all differences between said market value and the contract price shall be settled the same as though the time of said contract had fully expired; *Provided*, when the call is made during 'Change hours, the deposit shall be made before 3 o'clock the same day.

RULE 7. All notices for the call of margin, or the closing of contracts under this rule, may be served on the party called, either in person or by leaving written notice at his place of business, or may be served in person upon his authorized representative, or upon any clerk representing the party on 'Change; and, in case the party called upon shall not be known to have a regular place of business, a written notice left in the office of the Superintendent of the Chamber of Commerce shall be deemed sufficient.

RULE 8. Upon the fulfillment or settlement of any contract, upon which deposits have been made, and when full adjustment of all differences relating to the same shall have been effected, the deposits shall thereupon be payable to the party depositing the same; and the joint indorsement of both parties upon the certificate shall be sufficient authority to the party holding the deposit to pay the same to the holder of the certificate; or, in case of a failure between the contracting parties to adjust and settle their respective claims upon the deposit, within three (3) business days after the maturity of all contracts upon which the deposit is applicable, the matter in dispute shall, upon the application of either party to such contracts, be submitted to the Committee on Grain, which com-

mittee shall, without unnecessary delay, summon the parties before them, and hear such evidence as either may wish to submit touching their claims to the deposit, and shall by a majority vote decide and report to the President of the Chamber of Commerce, in writing, in what manner and to whom the deposit is payable, either wholly or in part; whereupon the President shall endorse on either the original or duplicate certificate an order for the payment of such deposit, in accordance with the decision of said committee, and such order shall be sufficient warrant to the party holding the deposit to pay the same in accordance with such order.

RULE 9. In case of such disagreement, no surrender of the deposit shall be ordered until the Board of Officers shall have first approved the findings of the Committee on Grain; nor shall any such surrender be ordered pending any arbitration touching the rights of the parties under the said contract or contracts, or in case the party refusing to adjust the dispute shall signify his willingness to submit the matter to arbitration.

RULE 10. In determining the value of property under these rules, its value in other markets, or for manufacturing or consumptive purposes, in this market, together with such other facts as may justly enter into the determination of its value, shall be considered, irrespective of any fictitious price it may at the time be selling for in this market.

RULE 11. Such values, for marginal purposes, in case of disagreement, shall be determined by the Board of Officers, and communicated to the parties in interest, through the President and Superintendent.

RULE 12. All deliveries upon grain contracts, unless otherwise expressly provided, shall be by tender of regular warehouse receipts, which receipts shall have three full days free storage at the time of such tender.

RULE 13. On time contracts made between members of the Chamber, where grain is bought at buyer's option, the time of delivery shall be as follows: When the call is made by the buyer before 11 o'clock A. M., the property shall be due and deliverable before 3 o'clock P. M. of the same day; when the call is made after 11 o'clock A. M., the property shall be due and deliverable before 3 o'clock P. M. of the same day, or before 12 o'clock M. of the next day; or the buyer may specify any particular future day, during the term of the option, upon which the property shall be due and deliverable, and the property shall be due before 12 o'clock on the day designated.

Provided, no call shall be made before the beginning of the option; and, if no call is made, the property shall be deliverable before 12 o'clock M. on the day of maturity of contract.

RULE 14. On contracts for grain at seller's option, the seller may deliver the property on any day during the life of the option, between the hours of 9 A. M. and 3 P. M.

RULE 15. On contracts for grain for future delivery, the tender of a higher grade of the same kind of grain than the one contracted for, shall be deemed sufficient, provided the higher grade of grain tendered shall not be of a color or quality that will depreciate the value of the other, if mixed.

RULE 16. When a contract shall mature on Sunday, a legal holiday, or on a day on which there is no meeting of the Chamber, delivery on such contract shall be made on the preceding business day. No property shall be tendered on any day upon which there is no meeting of the Chamber of Commerce.

RULE 17. On contracts for grain sold in store, without special agreement as to delivery, the property shall be deliverable before 3 o'clock P. M. of the day of sale, or before 11 o'clock A. M. of the next business day.

RULE 18. In case a purchase is specified as for cash, it shall, if purchased before 2 o'clock P. M., be delivered before 3 o'clock of the same day; if purchased after 2 P. M., it shall be delivered before 11 A. M. of the next business day.

RULE 19. In case of the tender of property during the temporary absence of the purchaser from his place of business, notice of such tender shall be left at his office, and he shall have the right to call for the same, and pay for it within one hour thereafter.

RULE 20. In case sales are made for future delivery by car-loads, a car-load shall be deemed to contain not less than 24,000 pounds, unless otherwise agreed upon.

RULE 21. In case any property contracted for future delivery is not delivered at maturity of contract, the purchaser may, at his option, consider the contract forfeited; or he may purchase the property on the market for account of the seller by 1 o'clock of the next business day, notifying him at once of such purchase; or he may require a settlement with the seller at the average market price on the day of maturity of contract.

RULE 22. In case any property contracted for future delivery is not received and paid for when properly tendered, it shall be the duty of the seller, in order to establish any claim on the purchaser, to sell it at auction during 'Change hours of the business day following, after such default shall have been made, notifying the purchaser on the same day, personally, or by mail, of such sale; and any loss resulting to the seller shall be paid by the party in default.

RULE 23. Rules 8, 10, 11, 21 and 22 of these regulations shall not be construed as authorizing unjust or unreasonable claims, based upon manipulated or fictitious markets; and in case of any disagreement arising from any action taken under this rule, the expressed willingness of either party to the controversy to submit the pending question of difference to arbitration under the rules, regulations and by-laws of the Chamber, shall be accepted and construed by the Board of Officers as evidence on the part of such member of his readiness to adjust and settle his said disputed obligation, and he shall not, therefore, be subject to discipline for such matter, pending such proffered arbitration, if he shall abide by the same in good faith, and in case of an award, shall promptly perform such award.

RULE 24. The buyer or seller shall have the right to call the Inspector to inspect the grain purchased at the place of delivery, and when sold by sample, the sample may be required by either buyer or seller to be, in the presence of both buyer and seller, furnished the Inspector, who shall inspect it as soon as practicable after the request shall have been made. If not up to sample or grade, the expense of such inspection shall be paid by the seller, unless otherwise agreed upon.

RULE 25. If grain sold by sample should prove not up to sample, the purchaser may demand, within twenty-four hours after notice to the seller, the amount of grain purchased up to sample, or payment of such difference in value as may be established, unless otherwise agreed upon at the time of sale.

RULE 26. In case grain is sold to arrive, and upon its arrival shall prove not up to sample or grade by which the same has been sold, then the seller shall have twenty-four hours in which to furnish the amount of grain sold up to sample or grade, unless otherwise agreed upon at the time of purchase.

RULE 27. In case of a failure of seller to furnish the grain, or of the buyer to accept the grain so purchased, then either party who may feel aggrieved may make his claim for such differences in value to the Committee on Grain, who shall, without delay, notify the other party of such claim, and time and place of meeting to hear evidence touching such claim, and the decision of the Committee on Grain shall be binding and final.

RULE 28. In case either party feel aggrieved by the decision of the Grain Committee, the Board of Officers may, on consideration of the case, grant a new hearing before the Grain Committee or the Committee of Arbitration, and this decision to be final, and the result communicated to the President of the Chamber of Commerce in writing.

RULE 29. All purchases of grain made, unless otherwise agreed upon, are understood to be for cash, and to be paid for on delivery of regular warehouse receipt, or within three business days after delivery of railroad notice.

RULE 30. A regular warehouse receipt shall be for grain in elevator or warehouse connected by railroad tracks to and from which cars can be switched, or if in special warehouse not so connected with railroads, then it may be made regular by delivery at any railroad or warehouse not further removed, when required by the buyer, at the expense of the seller.

REGULATIONS GOVERNING THE FLOUR TRADE.

RULE 1. The Flour Committee shall, each year, in the month of December, establish grades of Flour for the following year, and secure and place in boxes in the Merchants' Exchange, for the use of the Inspector and dealers, standards of the grades established. All Flour below the grade of "Superfine," shall be denominated "below grade."

RULE 2. The Inspector shall, when directed, inspect Flour and grade it, being governed by the standards, and may brand it, using stencils indicating *grade*, and *Cincinnati Chamber of Commerce* inspection, and the *month* in which it is inspected in *numerals*. But no unsound Flour, or Flour below the grade of Superfine, shall be branded by the Inspector.

RULE 3. All Flour must be in good, round-hooped barrels, head-lined, and contain one hundred and ninety-six (196) pounds of Flour in each barrel, and in case of short weight, the buyer shall be allowed at the rate he pays, and in addition five (5) cents per barrel for the expense of refilling.

RULE 4. When Flour is sold by sample, it must be examined at the place where sold (there being no agreement to the contrary), and if not equal to the sample, there is no sale, and the Inspector's fees shall be paid by the seller. If taken without examination, and prove not equal to the sample, the buyer shall restore it without charge to the place of purchase. If the seller be a Commission Merchant, and the buyer receive and pay for the Flour, he shall have no recourse upon the seller.

RULE 5. The Inspection fee shall be two (2) cents per barrel.

RULE 6. The Inspector shall be satisfied in regard to the weights; and, in case he deems it necessary, he may empty, weigh, and repack some of the Flour, not to exceed one barrel in twenty, and shall be entitled to twenty-five (25) cents per barrel for each barrel so weighed and repacked (in case it proves to be short weight) in addition to the regular fee of two (2) cents per barrel for inspecting; and, if required, he shall issue a certificate of the gross weight and correct tare of each barrel so weighed and repacked.

RULE 7. When there is no agreement between buyer and seller, Flour may be head-lined by buyer, at the expense of the seller.

RULE 8. When Flour is sold and grade guaranteed, it must be inspected at the place where purchased; and if it does not pass, there is no sale, and the seller shall pay the inspection fee.

RULE 9. The Inspector shall be required, when inspecting, to carry with him, in proper boxes, samples of the standards he is working to, for comparison, in case of any doubt as to the proper grade.

RULE 10. Flour shall not be considered in merchantable cooperage unless the barrels shall be head-lined, and all Flour sold and not head-lined, may be head-lined by the buyer, at the expense of the seller.

RULE 11. The Inspector shall report on his certificate of inspection all barrels not head-lined; and if the barrels of any lot of Flour should, in the judgment of the Inspector, be unfit, from their order or condition, for the proper conveyance of Flour, it shall be his duty to mark in the certificate the words "condemned barrels."

*RULE 12. All Flour sold at railroad depots, or river or canal landings, shall be at the risk of the buyer after six o'clock in the afternoon of the day following the day upon which the order is given for the same.

RULES FOR THE GOVERNMENT OF THE PROVISION TRADE.

RULE 1. The Committee on Provision Inspection shall act as referees in all cases of complaints against Inspectors, or the inspection of any lot of Provisions, or any matters of business pertaining to the same; but the buyer shall, in all cases, have the right to designate his own Inspector; but in case the seller feels that injustice is being done, he shall have the right to call upon the Committee of Inspection, whose decision shall be final and binding. Any Inspector agreed upon by parties to a transaction, shall be regarded as a regularly authorized Inspector, subject to the rules of the Chamber, and the Committee on Provisions shall constitute the committee of reference.

RULE 2. All appeals from inspection must be made before the property leaves the city, packing point, or place of delivery.

RULE 3. Pork Products packed between November 1st and March 1st shall alone be classed as "Standard."

*Adopted January 8, 1878.

RULE 4. In sales of fully cured Meats, or to be fully cured and delivered at a specified time, the seller must deliver in good faith according to contract, the Inspector to be the judge, who shall always be fully informed of the conditions of the contract before proceeding to inspect. Where sales of Dry Salted Meats are made without other specifications, it shall be considered that the sales contemplate Meats fully cured, the Inspector to be the judge.

RULE 5. In case of no specific agreement, the Saltage allowed on Bulk Meats shall be one (1) per cent. from the 1st of November to the 1st of May; but should the buyer or seller object, the Inspector shall sweep as many drafts as he may consider necessary, and the percentage thus ascertained shall be binding on both parties. But from the 1st of May to the 1st of November the tare shall be ascertained by washing in cold water with a cloth, in case of no special agreement to the contrary. A drainage of one (1) per cent. shall be allowed on Pickled Hams and Shoulders.

RULE 6. To determine the tare on Lard, the package shall first be weighed gross, the Lard then removed and the empty packages subjected to dry heat and drained; after which the empty package shall be weighed, and its weight deducted from the gross weight. The difference thus obtained shall be considered the net weight of the Lard.

RULE 7. Three hundred and twenty pounds net shall be the average weight of a tierce of Lard, upon which all settlements with contractors shall be based; but the number of packages the contract calls for must be delivered, and the difference, if any, settled at the market price on the day of delivery.

RULE 8. Four hundred to four hundred and fifty pounds, net, shall constitute a box of Cumberland Middles, and four hundred and seventy-five to five hundred and twenty-five pounds, net, shall constitute a box of all other English cuts of Middles, Shoulders and Hams, and all boxes containing over five hundred pounds of Meat to have a third strap around the box. All settlements of contracts shall be made on a basis of four hundred and twenty-five pounds per box, net, for Cumberland cut, and five hundred pounds, per box, net, for all other English cuts of Meats.

RULE 9. If on inspection of a fair sample of Bulk Meats, twenty (20) per cent., or over, is found to be sour, the buyer shall not be required to take the lot.

RULE 10. All the foregoing rules must be justly and liberally construed, and no property shall be rejected or condemned on a mere technicality.

RULE 11. The Committee on Provisions shall not have power of arbitration, but shall be empowered to consider all cases in reference to quality of meats, cooperage, etc., and parties refusing to abide the decision of the committee, while acting in their line of duty, shall be liable to arraignment for unmercantile conduct.

*RULE 12. In case of no specific agreement, contracts for 100 barrels of pork, 100 tierces of lard, 100 boxes dry salted meats, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 100 packages, as named above, nor less than 100 packages of one brand.

Contracts for 50 hogsheads, or 50 half-hogsheads of bacon or dry salted meats, or more, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 50 hogsheads or 50 half-hogsheads, and not less than this quantity of one brand.

Contracts for 100,000 pounds of bacon or dry salted meats, loose, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 100,000 pounds.

Contracts for 100 tierces of hams or shoulders in pickle, smoked or canvased, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 50 tierces, nor less than 50 tierces of one brand.

Payment to be made as lots are delivered.

RULE 13. It shall be the duty of the Inspector of Provisions to weigh stuff when called upon, receiving therefor a fee of five (5) cents per each one thousand (1,000) pounds, in addition to the inspection fee—the party ordering the weighing to be responsible for the fee.

RULE 14. The Inspector shall keep a record, in detail, of every examination he may make, that he may be qualified to testify positively in event of a dispute.

RULE 15. For the examination of provisions sold as "Regular," it shall be the duty of the Inspector (or his deputed assistants), on receiving notice, to go to any packing house or warehouse in

*As amended September 27, 1875.

the city, to examine Provisions in such quantities as may be required, selecting the same in such manner, from the lots specified, as in his judgment will give a fair sample of the whole.

RULE 16. If upon examination it is found in all respects up to the requirements, according to the classification of grades adopted by the Chamber of Commerce, he shall issue certificates to that effect.

When necessary to remove property for the convenience of examination, it shall be the duty of the Inspector to send for the same, that a fair sample may be obtained.

In no case should a certificate be granted on samples delivered by the seller.

RULE 17. The Inspector shall be entitled to receive as compensation for examining Provisions, as follows: For Beef and Pork, in barrels, five dollars for the first five barrels, the Inspector furnishing labor and other requirements, and seeing that the property is properly repacked and rebrined, and fifty cents for each additional barrel examined—payable by the buyer if regular, and by the seller if rejected, and cartage when removed; and for Bulk, Bacon or Boxed Meats, fifteen cents per one thousand pounds, payable by the buyer. For inspecting Lard, five cents per package, payable by the buyer if accepted, or by the seller if rejected; and for stripping Lard, one dollar per package, to be paid by the buyer. Five barrels of Pork or five tierces of Lard to be sufficient to sample any lot sold, unless otherwise agreed between buyer and seller.

RULE 18. It shall be the duty of the Inspector, when requested by the owner, either at any packing-house, warehouse, or in yards provided by the Inspector, to overhaul and inspect Provisions according to the qualifications and classifications authorized; two hundred pounds of meat, with abundance of good salt, to be repacked into each barrel, and cooperage to be put in good order. Each barrel of Provisions that is sound, sweet, and free from any and every defect, to have grade and date of inspection branded thereon, and the word "Repacked," as hereinafter specified; and any portion that is defective, to be branded in like manner "Rusty," "Sour," or "Tainted," as the case may be; the said brand to be placed with the Inspector's brand across the regular packer's brand, such pork, according to the grade or quality, to be classed as "Repacked, 200 pounds."

RULE 19. The Inspector shall use metallic letters and figures or marking iron for his dates and classes of inspection.

RULE 20. It shall also be the duty of the Inspector to put his metallic brand or marking iron on samples of Provisions in packages that he inspects; and he shall pass no Pork Products as "Regular" unless the real packer's name of the product contained therein is branded, according to these rules, on the head of each package.

RULE 21. In all cases of sales of Provisions as "Regular," the Inspector shall examine and inspect when called on; and if the property be up to the requirements, he shall issue a certificate simply for so many barrels or packages of Product (naming it), for so many pieces or pounds of Meat (naming the kinds).

RULE 22. Should the Inspector be called on to inspect Pickled Meats, and upon examination he should be of the opinion that the number of pounds required by these rules had not been packed, he shall not pass it as "Regular," but shall refer it at once to the Inspection Committee, who shall investigate, and if a satisfactory explanation can be given or arrived at, they shall instruct the Inspector to proceed and inspect and pass it; but if not satisfactory to the Committee, they shall, in their judgment, make the fact known to the Provision Trade in any way they may think proper.

RULE 23. All "Hog Products," to be "Regular," must be from corn-fed slaughtered Hogs, not frozen before cutting, and shall average not less than fourteen pounds for Shoulders, or thirty pounds for Sides, and must run at least eighty per cent. sweet.

No Hogs shall be killed on the same day on which they arrive at the pens of the slaughter-house.

RULE 24. Where Meat is in store, it shall be weighed and inspected in store; where Meat arrives by river, rail, or canal, it shall be inspected and weighed at house of buyer.

RULE 25. All Bacon, uncured, and Bulk Meats packed between March 1st and November 1st, shall be in fly-tight cooperage.

RULE 26. In all sales of Provisions for future delivery, either party may call for a margin, at any time, unless it is expressly understood between the parties, at the time the contract is entered into, that such call can not be made. In the absence of a special contract, either party shall be entitled to a margin equal to ten (10) per cent. of the market value of the article contracted to be delivered, the same to be kept good. Twenty-four (24) hours' notice in writing to residents, and forty-eight (48) hours' notice in writing or by telegraph to non-residents, shall be given on a call for a margin; and

where a party fails to respond to such call within the said time, the property may be sold at public auction, on the floor of the Merchants' Exchange, during 'Change hours on the following day, "for account of whom it may concern."

*RULE 27. In settlement of contracts (unless otherwise specified) the following weights shall govern:

Dry Salted Meats or Bacon—

| | |
|--|---------------|
| Packed in hogsheads, Shoulders, - - - - | 1,000 pounds. |
| " " Rib Sides, - - - - | 900 " |
| " " Clear Rib Sides, - - - - | 950 " |
| " " Clear Sides, - - - - | 1,000 " |
| Packed in half hds., Shoulders, - - - - | 550 " |
| " " Rib Sides, - - - - | 500 " |
| " " Clear Rib Sides, - - - - | 550 " |
| " " Clear Sides, - - - - | 575 " |
| Hams or Shoulders, smoked and canvased, packed in tierces, | 340 " |
| " " in pickle, packed in tierces, (green weight), | 300 " |

RULE 28. All barreled Provisions offered for sale as "Regular" in this market, must be cut, selected and packed, in all respects, as to quality and condition, equal to the classification of inspection as adopted by the Chamber of Commerce.

RULE 29. Unless otherwise stipulated, in all sales made of any of the grades of Provisions represented as "Regular," the seller shall be bound to fulfill his sale by the delivery of the quality called for by such sale, and which, on examination by the Inspector, has been certified by him to have been packed according to the classification, and is, at the time of delivery, in good merchantable condition in every respect.

Provisions from which any surplus gain has been removed, can not be classed as "Regular."

RULE 30. All Provisions sold in this market, in the absence of special agreement, shall be deemed "Regular," and the property must comply with the requirements of the Rules of Inspection of the Board. All Provisions sent to this market for sale, which are, in all respects, in conformity with these Rules, shall be classed as "Regular."

RULE 31. No original weight shall be taken out of any package of Provisions, without removing the original packer's brand *entirely* from the head of the package, and the brand "Repacked" burned in the head distinctly.

RULE 32. In all cases, Product should be sold "Regular," but in case a particular brand is sold, and, upon examination, the Product will not inspect "Regular," the buyer shall elect to take another brand, or the difference in value of the special brand shall be settled between the buyer and seller.

*RULE 33. On sales of Provisions for future delivery, on buyer's option, if the buyer call before the expiration of the month of contract, the seller, if he so elect, shall, in case of barreled meats and lard in tierces, have two working days' notice, and for boxed meats, pickled or smoked hams, and shoulders in tierces, or dry salted meats, four working days to prepare property for delivery; and when, at the option of seller, the seller tenders before the expiration of the month of contract, the buyer, if he so elect, shall have the same time to prepare for receiving the same.

RULE 34. Buyers of Provisions on time contracts shall have the right to inspect before the day of delivery, provided they send an Inspector in time, to allow the inspection to be completed before the expiration of the contract; but failing to do so, the seller shall have the privilege of having the property inspected, the cost to be paid by the buyer.

†RULE 35. Where the buyer of Provisions fails to avail himself of the privilege of inspection, in the absence of any special agreement upon the part of the seller to guarantee his product, the liability of the seller shall, as to quality, saltage and weights, cease when the product shall have left his house.

*As amended September 27, 1875.

†Adopted September 27, 1875

* RULES FOR THE REGULATION OF THE PROVISION CALL BOARD.

RULE 1. There shall be one public call each business day, at 1 o'clock P. M., in the Pork-room, on mess pork, lard, bulk clear rib sides, and bulk shoulders, to be conducted by a person selected by the majority of the members present at the first meeting, or by any other person selected by those present, when such change becomes necessary. The months shall be called in their order, commencing with the current month, and continuing through the four months immediately succeeding. No offer to buy or sell shall be entertained at a less difference than $2\frac{1}{2}$ cents per hundred pounds on lard or meats, and $2\frac{1}{2}$ cents per barrel on pork. The first offer to buy or sell at a price shall be accepted before subsequent offers at the same figures may be placed.

Subsequent offers to sell at a lower or buy at a higher price, shall vacate prior offers to sell at higher or buy at lower prices. A transaction shall vacate all previous bids and offers.

All disputes as to offers, bids, acceptances, or withdrawals (whether in time or not), shall be decided on the spot by the Caller, subject to an appeal to the members present. The appeal must be promptly taken, and a majority of the members present and voting, shall settle the disputed point finally.

No dealings, nor bids at the call, shall be for a smaller quantity than 250 bbls. of pork, 250 tierces of lard, 50,000 lbs. of bulk meats for future delivery, nor for less than car-load lots of all of the above for cash, or seller the month. All deliveries of property tendered under contracts, must be accompanied by evidence of actual property (warehouse receipts or bills of lading, and certificates of inspection) and all property delivered must be regular under the rules of this Chamber. If buyers do not send Inspectors upon notice of delivery, by the time notified, the seller shall have the property inspected at the cost of the buyer.

RULE 2. Either party to a contract, during the life of such contract, shall have the right, First—To call an original margin of two dollars per tierce on lard, one dollar per barrel on pork, and fifty cents per hundred pounds on bulk meats, both parties depositing like amounts; and, Second—Either party may call additional margins to meet variations in the market, of not less than one quarter of a cent per pound on lard and bulk meats, and fifty cents per barrel on pork. The party in whose favor the market is, shall not be required to deposit such margin. All margins on contracts shall be deposited with the National Bank of Commerce of Cincinnati.

When margins are called before 1 P. M., they must be deposited before 3 P. M. the same day, and if called after 1 P. M., must be deposited by 12 M. of the next day. When margins are called, original or for variations in the market, certified checks must be drawn to the order of the bank in which they are to be deposited. Checks must be sent to such bank, who shall give certificates of deposit in duplicate, made payable to the joint order of the buyer and seller. In case the two parties do not agree as to the amount due on a margin receipt, either of them may refer the matter to the Provision Committee for decision, which shall be final. On the decision of said committee, they shall promptly indorse to each party the amount each shall be entitled to by such decision, and the bank shall pay in accordance with such indorsement.

RULE 3. Contracts shall not be transferable, and any difference found to be due on settlement shall apply on account between the parties to the contract. Any party holding a contract against another, corresponding in all respects (excepting as to price), with one held by the other party against him, may close or cancel both, by giving notice to said party, and when it appears that several parties have contracts between each other, corresponding in all respects (except as to price), and that a ring settlement can be made, the party finding said ring shall notify all parties thereto, giving names, time of delivery, quantity and settlement price, and get their acknowledgment, from which time the said ring shall be in force and can not be broken by the failure of any of the parties therein. And all parties thereto shall be compelled to settle their differences on said contract with each other, on the basis of the settlement price.

RULE 4. All notices for delivery of property sold on contract must be given to the first receiver before 12 M., and the last receiver before 4 P. M. of the same day, and on the day preceding the day of deliveries (Sundays and legal holidays excepted). In case of disputes arising under any contract which are not provided for under the rules, the parties thereto shall promptly agree to the appointment of two arbitrators, and these shall appoint a third, whose decision shall be final.

*Adopted February 8, 1877.

RULE 5. The buyer must pay for property (sold under contract) in cash, upon the presentation of bill (after notice of delivery), when accompanied by proper certificate of property and inspector's certificate.

FORM OF BILL FOR PORK.

CINCINNATI, February 1st, 1877.

A. B.

Bought of C. D.

| | | |
|---------------------------------|-----------|------------|
| 250 Bbls. Mess Pork, @ \$17 00, | | \$4,250 00 |
| Inspector's charges, | | 5 00 |
| As per contract, | | \$4,255 00 |

FORM OF CERTIFICATE OF PROPERTY TO BE ATTACHED TO BILL.

CINCINNATI, February 1st, 1877.

"I hold in store, subject to the order of A. B., 250 bbls. of Mess Pork, deliverable upon the return of this receipt and payment of charges for storage, 8c. per barrel for the first month, and 6c. per barrel for each additional month. Not insured. This property free of storage for five days."

"C. D."

Or, such like certificate that shall contain the words thereon; "This property free of charges for five days."

Buyers for cash or car-loads, desiring property delivered, F. O. B., must so state in their bids. "F. O. B." deliveries shall mean "at storage houses situated on lines of railroads, at railroad depots, or steamboats."

RULE 6. Fictitious sales are positively forbidden, and parties concerned shall be suspended or expelled from the Chamber of Commerce.

RULE 7. All the above rules, so far as practicable, with the exception of so much of Rule 3 as pertains to ring settlements [which shall be applicable to such ring settlements alone], shall apply to transactions in provisions generally, and all rules of the Chamber conflicting therewith are hereby repealed.

RULES FOR THE CUT AND MANUFACTURE OF THE HOG PRODUCT.

BARRELED PORK.

MESS PORK.

Mess Pork shall be cut and packed from Sides of well-fatted Hogs, in strips; the Hog to be first split through the backbone, or if split on one side, then an equal proportion of hard and soft sides, as they are termed, must be packed, properly flanked, and not back-strapped. One hundred and ninety pounds of green meat, numbering not over sixteen pieces, including the regular proportion of flank and shoulder cuts, four layers placed on edge, without excessive crowding or bruising, must be packed into each barrel, with not less than thirty-five pounds of good foreign, or forty pounds of good domestic, coarse salt, and filled up with good, clear brine, as strong as salt will make it. The pork to be cut reasonably uniform in width. The packer's name and location, the date of packing, and the number of pieces and pounds of green meat in each barrel must be branded on the head with a metallic brand, marking-iron or stencil brand, at the time of packing.

PRIME MESS PORK.

Prime Mess Pork shall be made of the Shoulders and sides of nice, smooth, fat Hogs, weighing from 100 to 160 pounds, net, regularly cut into square pieces, as near four pounds each as possible,

the shank to be cut off close to the breast. Each barrel to contain one hundred and ninety pounds of green meat, in the proportion of twenty pieces of shoulder and thirty pieces of side cuts, and to be packed with twenty pounds of good, coarse salt, with the addition of eight ounces of saltpeter. The Prime pieces should be cut clear of the blade-bone. The Shoulder pieces not to exceed eighty-five pounds in each barrel.

EXTRA PRIME PORK.

Extra Prime Pork shall be made from heavy, untrimmed Shoulders, cut into three pieces, the leg to be cut off close to the breast, to be packed one hundred and ninety pounds of green meat into each barrel, with the same quantity and quality of salt as Mess Pork.

LIGHT MESS PORK.

Light Mess Pork shall be made from the Sides of reasonably well-fatted Hogs, and in all other respects to be cut, selected and packed the same as Mess Pork, except that as many as twenty-two pieces may be put into each barrel.

FAMILY MESS PORK.

Family Mess Pork shall be made from backs of Hogs, after bellies have been taken off, cut into pieces about six pounds each, and in all other respects to be selected and packed in the same manner as Mess Pork.

EXTRA SHOULDER PORK.

Extra Shoulder Pork shall be made from heavy trimmed Shoulders, cut into three pieces; the leg to be cut off close to the breast, and in all other respects selected and packed in the same manner as Extra Prime Pork.

EXTRA CLEAR PORK.

Extra Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the backbone and ribs to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected and packed in the same manner as Mess Pork.

CLEAR PORK.

Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the backbone and half the rib next to the backbone to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected and packed in the same manner as Mess Pork.

CLEAR FAMILY MESS PORK.

Clear Family Mess Pork shall be made from the backs of heavy, well-fatted Hogs, after bellies have been taken off and backbone and ribs taken out, cut into pieces of about six pounds each, and in all other respects to be packed in the same manner as Mess Pork.

RUMPS.

Rumps shall be trimmed with only enough taken off to make them neat and smooth, the tails cut off close, each barrel to contain one hundred and ninety pounds of green meat, packed in the same quantity and quality of salt as Mess Pork, and the number of pieces to be similarly branded on each barrel at the time of packing.

PICKLED MEATS.

STANDARD SWEET PICKLED HAMS.

Standard Sweet Pickled Hams shall be cut short, and well rounded at the butt, properly faced, shank cut just in or above the hock-joint, to be reasonably uniform in size and average. Three hundred pounds, block weight, shall be placed in each tierce.

STANDARD SWEET PICKLED SHOULDERS.

Standard Sweet Pickled Shoulders shall be well cut and trimmed; shank cut in or above the knee-joint, to be reasonably uniform in size. Three hundred pounds, block weight, shall be packed in each tierce.

NEW YORK SHOULDERS.

New York Shoulders shall be made from small, smooth Hogs, shank cut off one inch above knee-joint, trimmed close and smooth, reasonably uniform in size, and to average, in lots, not to exceed fourteen pounds. Three hundred pounds, block weight, shall be packed in each tierce.

SWEET PICKLED BELLIES.

Sweet Pickled Bellies shall be made from nice, smooth Hogs, well cut and trimmed, to average, in lots, not to exceed fourteen pounds. Three hundred pounds, block weight, shall be packed in each tierce.

BRANDING.

The packer's name, location, number of pieces, and date of packing shall be branded on the head of each package of Pickled Meats at the time of packing.

UNIFORMITY OF PICKLED MEATS.

All Pickled Meats shall be sized when packed—the light, medium and heavy separately, as near as practicable.

CUT MEATS.

HAMS.

Hams shall be cut short, well rounded at the butt, properly faced, cut just in or above the hock-joint.

SHOULDERS.

Shoulders shall be cut at right angles to the side, and as close as possible to the back part of the fore arm-joint, butted off square on top, neckbone and short ribs taken out, blood vein lifted and cut out, breast-flap to be trimmed off, and foot to be cut off in or above the knee-joint.

BLADED SHOULDERS.

Bladed Shoulders shall be cut the same as "Standard" Shoulders, excepting the shoulder-blade to be taken out and the corners rounded.

ROUGH SIDES.

Rough Sides shall be made by splitting the Hog through on one side of the backbone, and an equal proportion of both Sides must be delivered on sales to make them "Standard."

SHORT CLEAR SIDES.

To make Short Clear Sides, the backbone, breastbone and ribs shall all be taken out, and hench-bone sawed down smooth and even with the face of the Side, feather of blade-bone not to be taken out, edges to be left smooth, Sides not to be back-strapped or flanked.

SHORT RIB SIDES.

To make Short Rib Sides, the backbone should be taken out, hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, feather of blade-bone not to be taken out, and Side not to be back-strapped or flanked.

LONG CLEAR SIDES.

To make Long Clear Sides, the back-bone, shoulder-bones, ribs and breastbone must be taken out, leg cut off close to the brisket, hench-bone sawed down smooth and even with the face of the Side, and the Sides not to be back-strapped or flanked.

CUMBERLAND SIDES.

To make Cumberland Sides, the Side and Shoulder should be left together in one piece; foot cut off in or above knee-joint; shoulder ribs, neckbone and backbone taken out; blood vein lifted and cut out; hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, and Sides not to be back-strapped or flanked. Ribs must not be scribed.

LONG RIB SIDES.

Long Rib Sides to be made same as Cumberlands. except that the shoulder-bones must be taken out, and leg cut off close to the brisket.

STRETTFORD SIDES.

Stretford Sides shall be made from Hogs weighing about 140 to 160 pounds, net; backbone and half the ribs taken out, blade-bone taken out, knuckle left in and leg cut off close to the breast.

BIRMINGHAM SIDES.

Birmingham Sides shall be made from Hogs weighing about 170 pounds, net; backbone, ribs and blade-bone taken out, pocket-piece cut out, and pocket nicely rounded, knuckle bone left in, and leg cut off close to the breast.

SOUTH STAFFORDSHIRE SIDES.

South Staffordshire Sides shall be made the same as Birmingham, except loin taken out full to top of shoulder-blade, leaving only a thin strip of lean along the back; knuckle left in and leg cut off close to the breast.

YORKSHIRE SIDES.

Yorkshire Sides shall be made the same as Cumberlands, with ribs out, and leg cut off about two inches above the knee.

IRISH CUT SIDES.

Irish Cut Sides shall be made the same as Long Clear, except top of the pocket cut off; knuckle bone left in.

LONG HAMS.

Long Hams shall be cut from the Side by separating with a knife the hip-bone from the rump, properly rounded out, foot unjointed at first joint below the hock-joint.

SOUTH STAFFORDSHIRE HAMS.

South Staffordshire Hams shall be cut short, hip-bone taken out at the socket-joint, hock unjointed at first joint below the hock-joint.

UNIFORMITY OF BOXED MEATS.

In packing Meats in boxes, the pieces shall be classified—the light, medium and heavy separately, as nearly as practicable, in packages made to suit the different sizes.

L A R D.**CHOICE LARD.**

Choice Lard to be made from leaf and trimmings only, either by steam or kettle rendered. The manner of rendering to be branded on each tierce.

PRIME STEAM LARD.

Prime Steam Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog.

*CURRENT MAKE LARD.

Current Make Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog; white and sweet; steam rendered.

RULES FOR THE REGULATION OF THE TRADE IN COOPERAGE.

RULE 1. The Board of Officers shall annually appoint a competent Inspector of Cooperage, who shall inspect all such cooperage as he may be called upon to examine, according to these rules, determining with a wind bellows the tightness of packages to hold liquids, lard or pickled meats.

RULE 2. The certificate of such Inspector shall be binding in the settlement of any differences, as to quality, that may arise between the buyer and seller, but in the event of either party feeling dissatisfied with such inspection, an appeal may be made to the Committee on Provision or Whisky Inspection, as the article inspected may properly belong to one or the other, and the decision of such committee shall be final.

RULE 3. The fees to be allowed the Inspector shall be as follows:

| | |
|---|--------|
| For seventy-five (75) or a less number of barrels, half-barrels, kegs or tierces..... | \$1 00 |
| For lots exceeding seventy-five (75) packages of the same, per package..... | 1½c. |
| For hogsheads, half hogsheads, or boxes, per package..... | 3c. |

RULE 4. The fees shall in all cases be paid by the party employing the Inspector.

PACKAGES.

Cooperage shall be made of well seasoned white oak, free from objectionable sap.

PORK BARRELS.

For Pork Barrels, staves shall be five-eighths ($\frac{5}{8}$) of an inch thick, thirty (30) inches long; heads made in an eighteen (18) inch tress, one (1) inch thick in center and three-eighths ($\frac{3}{8}$) of an inch at bevel; hoops of hickory, not more than ten on an end, barrel to be hooped not less than eleven-sixteenths (11-16).

TIERCES.

Tierces for Hams, Shoulders or Lard shall be thirty-two (32) to thirty-three (33) inches long; heads made in twenty-one (21) inch tress-hoops and same thickness as for barrels, staves may or may not be chamfered at the head, as may be agreed upon by the buyer and seller, shall be three-quarters ($\frac{3}{4}$) of an inch thick, quality of staves and hoops to be same as for barrels. Tierces to be hooped eleven-sixteenths (11-16), and to have not more than ten hoops to an end. Iron bound Tierces, for Pickled Hams and Shoulders, shall be classed as "Standard" if made in compliance with the requirements of this rule as to heading and staves, and hooped with not less than three (3) good hoops on each end; the chime hoops to be 1½ inches in width, the quarter and bilge hoops to be 1½ inches in width and to weigh, per set, not less than ten (10) pounds to the tierce.

LARD KEGS.

Lard Kegs shall be made of same quality of timber as Pork Barrels and Lard Tierces; staves to be 10½ inches long and $\frac{3}{8}$ of one inch thick, to be made in 11½-inch tress-hoops; hoops to be hickory, and the packages to be fully two-thirds hooped.

* Adopted August 6, 1875.

HALF BARRELS.

Half Barrels for Pork, Beef and Lard shall be made of same quality of timber as Barrels and Lard Tierces; staves to be 24 inches long and $\frac{3}{4}$ to $\frac{1}{2}$ of one inch thick, and the packages to be made in 15-inch tress-hoops; all hoops to be hickory, and packages to be fully two-thirds hooped.

BEEF TIERCES.

Beef Tierces shall be made the same as Lard Tierces, but to be entirely free from sap, and the second hoop from each end to be $1\frac{1}{4}$ -inch iron, oiled or painted.

SLACK HAM TIERCES.

Slack Ham Tierces shall be made in 22-inch tress-hoops; staves to be 33 inches long, good hickory hoops; 3 hoops at the end and 3 at the bilge.

SLACK AND FLY-TIGHT HOGSHEADS.

Slack and Fly-Tight Hogsheads shall be made in 32-inch tress-hoops; good hickory hoops; staves to be 42 inches long. Slack Hogsheads to be hooped with 12 hoops and quarter bound, middle head-piece to be pine or oak. Fly-Tight Hogsheads to be same as Slack, but to be hooped with 16 hoops instead of 12.

HALF HOGSHEADS.

Half Hogsheads shall be made in 28-inch tress-hoops; staves to be 34 inches long; good hickory hoops; packages to be quarter bound (12 hoops); middle head-piece to be of pine or oak.

WHISKY BARRELS.

Whisky Barrels shall be made of sound, well seasoned white oak timber, clear of sap, to be made in $20\frac{1}{2}$ -inch tress-hoops; staves to be thirty-three (33) inches long and $\frac{3}{4}$ of one inch thick, hooped with 6 iron hoops, $1\frac{1}{4}$ -inch hoops at the head and $1\frac{1}{2}$ -inch at the bilge and quarter—said hoops to weigh in all eight pounds; barrels to be bored and bunged.

WHISKY HALF BARRELS.

Whisky Half Barrels shall be made of same quality of timber as Barrels—to be made in $16\frac{1}{2}$ -inch tress-hoops; staves to be 28 inches long and $\frac{3}{4}$ of one inch thick; 6 iron hoops, $1\frac{1}{2}$ -inch hoops at the heads and $1\frac{1}{4}$ -inch at the bilge and quarter.

KEGS.

Kegs shall be made of same quality of timber as Barrels and Half Barrels.

Ten Gallon Kegs—to be made in $12\frac{1}{2}$ -inch tress-hoops; 6 iron hoops, head hoops $1\frac{1}{4}$ inches wide, bilge and quarter 1 inch wide, staves $21\frac{1}{2}$ inches long.

Six Gallon Kegs—to be made in $10\frac{1}{4}$ -inch tress-hoops; 6 iron hoops, same size hoops as ten gallon packages; staves 18 inches long.

Five Gallon Kegs—to be made in $10\frac{1}{4}$ -inch tress-hoops, staves to be $16\frac{1}{4}$ inches long; 6 iron hoops, head hoops 1 inch wide, bilge and quarter $\frac{3}{4}$ -inch wide.

Four Gallon Kegs—to be made in $9\frac{1}{4}$ -inch tress-hoops, staves $15\frac{1}{2}$ inches long; 6 iron hoops, head hoop 1 inch wide, bilge and quarter $\frac{3}{4}$ -inch wide; all of the above packages bored and bunged.

BOXES.

Boxes should be made of sound common boards, reasonably dry, one (1) inch thick, dressed on one side, not over two (2) strips at each end, and three (3) strips to each side, bottom or top; to have good, strong, hard wood, white wood or sap pine stays inside each corner; shall be well nailed and strapped with birch, oak or hickory straps around each end, to lap three (3) inches on the cover. All boxes to contain five hundred (500) pounds, net, shall have three straps. Boxes shall be nailed together with ten-penny nails, and the stays nailed in with eight-penny nails.

RULES GOVERNING REPORTS OF SALES.

RULE 1. "Time Sales" may be entered on the daily Sales Book of the Chamber, with this condition specified.

RULE 2. Sales entered without conditions, will be understood to mean cash sales.

RULE 3. Sales in settlement of contracts, without the *bona fide* transfer of property, must not be entered as cash sales, but as "sales in settlement."

RULE 4. Sales consummated on refusals given the day before, may be entered with the conditions expressed.

*RULE 5. Sales made up to one o'clock only, may be reported as late as ten minutes past one o'clock. Sales made after one o'clock, may be reported the next day and entered as sales made "last evening."

RULE 6. All challenges of sales entered on the Sales Book, must be made on the day of entry.

†RULE 7. Sales made on 'Change of goods deliverable at other points, may be entered on the Sales Book, said delivery to be mentioned in the entry.

‡ADDITIONAL RULE FOR THE GOVERNMENT OF THE MERCHANTS' EXCHANGE.

SECTION 25. Any agreement entered into by any member for the purpose of interfering with the prompt and accurate collection of the regular reports of imports and exports, or for the purpose of falsifying such reports, shall be held to be a violation of the spirit of Section 2, Article 6, of the Constitution, and punishable as such.

* As amended November 2 and November 12, 1874. † Adopted December 15, 1874. ‡ Adopted October 9, 1878.

TARIFF OF CHARGES

FOR

COMMISSIONS, STORAGE, TARES, ETC.

The following is the Tariff of Charges for Commission, Storage, Tares, etc., in the absence of contracts, adopted by the Cincinnati Chamber of Commerce, October, 1871, and amended November 14th, 1872, December 6, 1875, December 4, 1876, and February 11, 1878:

STORAGE PER MONTH—Continuously

| | Cents. | | Cents. |
|---|--------|---|--------|
| Ashes—Pots and Pearls, per tierce..... | 10 | Glassware, per box..... | 3 |
| Apples, green, per bbl..... | 10 | Grain, all kinds, per bushel..... | 2 |
| Apples, dried, per bbl..... | 5 | Receiving and delivering same, per bu... | 1 |
| Bagging, per piece..... | 5 | *In Elevator: On all Grain, first ten days, | |
| Beans, per bbl..... | 5 | or part thereof, including delivery in | |
| Butter, per bbl..... | 15 | seamless bags, per bushel..... | 1 |
| Butter, per firkin..... | 5 | Each subsequent thirty days, or part | |
| Broom Corn, per bale..... | 20 | thereof, per bushel..... | 1 |
| Brooms, per doz..... | 3 | Extra charges for delivery in other | |
| Bran, Middlings, etc., per bag..... | 3 | kinds of sacks. | |
| Buckets, per doz..... | 5 | Grain, in sack, at store or depot, per sack | 3 |
| Bacon, per tierce..... | 10 | Each additional ten days, per bag or bush | ½ |
| Boots and Shoes, per 100 lbs..... | 10 | Gunny Bags, per bale..... | 15 |
| Beef, per bbl..... | 8 | Hops, per bale..... | 20 |
| Beef, per tierce..... | 10 | Hams, canvased, each..... | 1 |
| Cordage, heavy, per coil..... | 25 | Hay, hard pressed, per bale..... | 15 |
| Cordage, light..... | 10 | Hay, loose pressed, per bale..... | 20 |
| Candles, per box..... | 2 | Hemp, per bale..... | 25 |
| Cider, per bbl..... | 10 | Hides, dry, each..... | 3 |
| Cranberries, per bbl..... | 10 | Hides, wet, each..... | 5 |
| Cotton Yarn, per bag..... | 5 | Iron and Steel, per 100 lbs..... | 2 |
| Cement, per bbl..... | 5 | Iron, pig or blooms, per ton..... | 15 |
| Cheese, per box..... | 2 | Lemons, per box..... | 10 |
| Crockeryware, per crate..... | 25 | Lead, per 100 lbs..... | 2 |
| Cotton, (<i>See Cotton Business.</i>) | | Lead, White or Red, per 100 lbs..... | 5 |
| Coffee, per bag..... | 5 | Lard (<i>See Pork Business.</i>) | |
| Chocolate, per box..... | 2 | Lime, per bbl..... | 6 |
| Dry Goods, per 100 lbs..... | 5 | Leather, per roll..... | 10 |
| Eggs, per bbl..... | 15 | Liquors, foreign and domestic, per pipe ... | 50 |
| Fish, per bbl..... | 8 | do do per half pipe..... | 25 |
| Feathers, per 100 lbs..... | 20 | do do per quarter pipe... | 15 |
| Flour, per bbl..... | 5 | do do per barrel..... | 10 |
| Glass, Window, per box..... | 2 | Molasses, per bbl..... | 10 |

* As amended February 11, 1878.

| | Cents. |
|--|--------|
| Merchandise of all kinds, not specified, per 100 lbs..... | 15 |
| Moss, per bale..... | 20 |
| Nails, per keg..... | 3 |
| Oakum, per bale..... | 3 |
| Oil, per bbl..... | 10 |
| Onions, per bbl..... | 5 |
| Oranges, per box..... | 10 |
| Oranges, per bbl..... | 10 |
| Potatoes, per bag..... | 10 |
| Potatoes, per bbl..... | 10 |
| Paper, per bundle..... | 1 |
| Pitch, per bbl..... | 10 |
| Petroleum, per barrel..... | 25 |
| Peaches, dry, per package..... | 5 |
| Pepper, per package..... | 5 |
| Pimento, per package..... | 5 |
| Peanuts, per bag..... | 5 |
| Rosin, per barrel..... | 5 |
| Rags, per bale..... | 50 |
| Rice, per tierce..... | 15 |
| Raisins, per box..... | 2 |
| Saltpeter, per bag..... | 4 |
| Saltpeter, per keg..... | 3 |
| Starch, per box..... | 2 |
| Sugar, per hhd..... | 25 |
| Sugar, per bbl..... | 8 |
| Salt, Turk's Island, per bag..... | 3 |
| Salt, Liverpool, per bag and tierce..... | 5 |
| Salt, per barrel..... | 5 |
| Seed, Clover, per bag..... | 3 |
| Seed, Timothy, per bag..... | 3 |
| Seed, Flax, per bag..... | 3 |
| Seed, per barrel..... | 6 |
| Shot, per keg..... | 6 |
| Soap, per box..... | 2 |
| Tea, per chest..... | 8 |
| Tea, per half chest..... | 5 |
| Tea, per caddy..... | 2 |
| Tobacco, Manufactured, per package..... | 5 |
| Tobacco, Leaf, per hhd..... | 50 |
| Tar, per barrel..... | 10 |
| Turpentine, per barrel..... | 15 |
| Tubs, per nest..... | 5 |
| Tubs, per doz..... | 15 |
| Vinegar, per barrel..... | 10 |
| Whisky, per barrel..... | 10 |

EMPTY COOPERAGE.

| | |
|--------------------------|---|
| Flour Barrels, each..... | 2 |
| Pork Barrels, "..... | 2 |
| Lard Tierces, "..... | 3 |
| Oil Barrels, "..... | 3 |
| Ham Tierces, "..... | 3 |

| | |
|-----------------------------|----|
| Hogsheads, "..... | 10 |
| Lard Kegs, "..... | 1 |
| Molasses Barrels, each..... | 3 |
| Whiskey Barrels, "..... | 3 |

NOTE.—No insurance effected, unless under acceptance or advances, either on property stored or for sale, without written orders.

COMMISSIONS.

| | |
|--|--------------|
| On sales of Flour..... | 2½ per cent. |
| On purchase of same, cash in hand, per bbl..... | 10 cents. |
| On sales of Pork, Beef, Lard, Bacon, Tallow, Oils, Sugar, Molasses, Coffee and Cotton... | 2½ per cent. |
| Purchasing of the same, cash in hand..... | 2½ per cent. |
| On sales of Hay..... | \$1 per ton. |
| On sales of Domestic Liquors of all kinds, excepting Whisky or Highwines..... | 5 per cent. |
| On sales of Highwines, on ac- count of distillers, per bbl.... | 50 cents. |
| On purchase of same, cash in hand..... | 1½ per cent. |
| On sales of Live or Dressed Hogs | 2½ per cent. |
| On sales of Rye, Wheat and Bar- ley, per bushel..... | 2 cents. |
| On sales of Oats and Corn, per bushel..... | 2 cents. |
| For use of sacks, when furnish- ed by consignee, for each ten days out, per bushel..... | 1½ cents. |
| On Clover Seed..... | 3 per cent. |
| On Timothy Seed..... | 5 " |
| On Flax Seed..... | 5 " |
| When the last three articles are sold at depots..... | 3 " |
| On Blue Grass..... | 5 " |
| On Herd Grass..... | 5 " |
| On Hungarian Grass..... | 5 " |
| On Green Apples, per bbl..... | 25 cents. |
| On Potatoes, per bbl..... | 25 cents. |
| On Potatoes, in bulk, per bush.. | 10 cents. |
| On purchase of the same, cash in hand..... | 2½ per cent. |
| On sales of Butter and Cheese... | 5 " |
| On sales of Pig Iron or Blooms. | 2½ " |
| On sales of Cooperage..... | 5 " |
| On sales of all other articles of Produce and Merchandise..... | 5 " |
| For guaranteeing Time Sales... | 2½ |
| For drawing and negotiating bills with indorsement..... | 2½ " |

| | |
|---|--------------|
| For adjusting Insurance on losses, on amount received..... | 2½ per cent. |
| For collecting moneys by legal process..... | 2½ to 5 " |
| For receiving and remitting money, including purchases of Exchange.½ | " |

PORK BUSINESS.

(As amended by the Board, November 14, 1872.)

| | |
|--|--------|
| Curing Meats in bulk (dry salt), per 1,000 lbs..... | \$3 50 |
| Packing Pork, per bbl..... | 3 00 |
| Packing and trimming Pork or Beef in barrels, exclusive of barrels, salt and pickle, per bbl..... | 45 |
| Packing or trimming Pork or Beef in barrels, exclusive of barrels, salt and pickle, in half bbls | 35 |
| Packing Bulk Meat in hogsheds, exclu- sive of salt and hogsheds, per hhd..... | 50 |
| Packing Bacon in hogsheds, exclusive of hoghead, per hhd..... | 50 |
| Packing canvased Hams in tierces, ex- clusive of tierces and paper, per tierce, | 30 |
| Packing Bacon in boxes, exclusive of boxes, per box..... | 25 |
| Packing English Meats in boxes, exclu- sive of boxes and salt, per box..... | 30 |
| Packing Hams in slack barrels, exclusive of barrels, per bbl..... | 20 |
| Packing Hams, Sides or Shoulders in tight hogsheds, exclusive of hogs- heads, per hhd..... | 75 |
| Clearing Rib Bulk Sides, per 1,000 lbs..... | 1 00 |
| Clearing Clear Rib Sides, per 1,000 lbs..... | 75 |
| Receiving and bulking Cured Meat, per 1,000 lbs..... | 2 00 |
| Overhauling and rebulking Cured Meats, per 1,000 lbs | 1 50 |
| Smoking Meats, per 1,000 lbs..... | 2 00 |
| Sugar Curing Hams, per lb..... | 1 |
| Canvassing same, exclusive of material, per ham..... | 4 |
| Rendering Lard, per 100 lbs..... | 45 |
| Lard Tierces, (as per agreement). | |
| Weighing bulk Pork or Bacon, per 1,000 lbs..... | 12½ |
| Nailing, boring, weighing and marking tierces of same, per tierce | 5 |
| Nailing, boring, weighing and marking of same, per bbl..... | 4 |
| Nailing, boring, weighing and marking of same, per keg..... | 2 |

* As amended December 14, 1876.

CHARGES FOR STORAGE AS FOLLOWS:

On Pork, where received, per bbl., first month, 8c.; each additional month, 6c.

On Lard, where received, per tierce, first month, 10c.; each additional month, 8c. On Lard, where received, per keg, per month, 2c.

On Bulk Meats, where received, per 1,000 lbs., first month, 40c.; each additional month, 20c.

On Bulk Meats or Bacon, where received, per hhd., first month, 40.; each additional month, 25c.

On Bulk Meats or Bacon, where received, per half hhd., first month, 30c.; each additional month, 20c.

Storage to commence March 1st on all articles made from hogs received and packed the regular way.

Where pieces are taken in to be cured, storage to commence with the date of receipt of such pieces.

Insurance to commence at the time the stuff is received, and rates charged to be governed by customary rules of insurance companies for short or long policies.

Commissions on sales, 2½ per cent.

NOTE.—All goods, wares, or merchandise, left or consigned for sale, with or to Commission Merchants, and upon which cash advances have been made, are liable to be sold at any time, should it be necessary, in order to protect the advances made.

All goods, wares, or merchandise, left with a Commission Merchant, and ordered to be held, and upon which advance has been made, or acceptance given, the Commission Merchant is entitled to a commission at the end of each sixty days, whether the goods have been sold or not; but he must notify the owner of this rule in writing, when the goods are left and the advance made.

COTTON BUSINESS.

(As amended by the Board, December 6, 1875, and December 4, 1876.)

1st. Regular rates of insurance, in transit, established by Board of Underwriters to be charged.

2d. The charge for fire insurance, one-quarter (¼) of one per cent. per month.

*3d. Charge for drayage, unless delivered free by transportation companies, 20 cents per bale.

*4th. Charge for labor and sampling, 25 cents per bale.

5th. Charge for weighing, 20 cents per bale.

*6th. Charge for storing, uncompressed, 40 cents per bale, first month, and each succeeding month 25 cents per bale.

7th. Charge for storing, compressed, per month, 25 cents per bale.

*8th. Charge for commission on sales of cotton, two and one-half per cent, but in no case less than \$1 00 per bale.

9th. Interest at the rate of ten (10) per cent. per annum shall be charged on all advances of every character.

10th. Cotton held longer than 60 days shall be liable to an additional charge of two and one-half per cent. on amount advanced and accrued charges.

NOTE.—All shipments are covered by open policies of insurance, unless owners instruct otherwise at or before shipment; and in all cases where advances have been made, or shipments drawn against, the property is covered to the amount of such advances or drafts without reference to instruction.

RECEIVING AND FORWARDING.

| | Cents. |
|--|--------|
| Whisky, Pork, Lard, Fish and Tallow, per bbl..... | 5 |
| Cotton, per bale..... | 12 |
| Flour, per bbl..... | 3 |
| Kegs of Lard and Butter, per keg..... | 2 |
| Hogsheads of Bacon and Tallow, per hhd. | 10 |
| Pork and Bacon, in bulk, per 1,000 lbs..... | 12 |
| Hats, Bonnets, Shoes and Feathers, per package..... | 5 |
| Salt, per bbl..... | 5 |
| Salt, per sack..... | 3 |
| Leaf Tobacco, per hogshead or box..... | 25 |
| Sugar, per hhd..... | 25 |
| Molasses, per bbl..... | 6 |
| Beans, Dried Apples and Peaches, per package..... | 5 |
| Pig Iron, per ton..... | 20 |
| All other articles of Produce or Merchandise, per 100 lbs., including transfer..... | 10 |
| For advancing charges and freight, 2½ per cent. | |

NOTE.—All actual charges incurred, including drayage, insurance, cooperage, or storage, are to be added to the above rates.

* As amended December 4, 1876.

STEAMBOAT BUSINESS.

| | |
|---|--------------|
| For engaging boats to go to other points for freight (on amount of freight)..... | 2½ per cent. |
| For procuring freight (not over \$25, nor less than \$5 on any voyage)..... | 2½ " |
| For collecting freight accounts... 1 | " |
| For purchasing outfits and making disbursements for Boats with money in hand..... | 2½ " |
| For selling or purchasing Boats (without guaranty)..... | 2½ " |

TARES.

| | |
|--|-----------------|
| Sugar, in hogsheads..... | 12 per cent. |
| Sugar, in boxes..... | 15 " |
| Rice, in tierces..... | 10 " |
| Indigo, in ceroon..... | 11 " |
| Indigo, in boxes..... | actual tare. |
| Salt, in barrels..... | 30 pounds each. |
| Coffee, Cotton, Feathers, Salt, in bags, and Spices..... | no tare. |
| Manufactured Tobacco, in kegs and boxes, and all other articles in casks, barrels, kegs, boxes, not enumerated..... | actual tare. |
| Bacon, Bulk Meats and Lard, in all packages..... | actual tare. |

NOTE.—By an act of the Ohio Legislature, passed April, 1856, it is made a penal offense to pack or sell any article of merchandise unless the actual tare is allowed, the punishment being fine and imprisonment. By a subsequent amendment the actual tare is defined as being the weight of the package after the goods have been taken out.

LIST OF THE INDIVIDUAL MEMBERS

OF THE

CINCINNATI CHAMBER OF COMMERCE

WITH THE NAMES OF THE FIRMS, ETC., TO WHICH THE SAME BELONGED,

FOR THE YEAR ENDING AUGUST 31, 1879.

[For Alphabetical List of Firms, Etc., see Front Part of Report.]

| Names of Members. | Style of Firm. | Names of Members. | Style of Firm. |
|---|----------------------------|---------------------------------------|-------------------------|
| Abernathy, J. B., <i>Sec'y</i> | Citizens' Insurance Co. | Bare, Martin..... | M. Bare & Co. |
| Abrams, W. F..... | Daniel Stone & Co. | Bare, William C..... | " " |
| Adae, Carl A. G..... | C. F. Adae & Co. | Barr, L. T..... | L. T. Barr & Co. |
| Adam, Henry..... | | Bausch, John..... | Deglow & Bausch. |
| Adams, Alfred..... | Jewett & Adams. | Beattie, J. H., <i>Sec'y</i> | Amazon Insurance Co. |
| Addy, Matthew..... | Matthew Addy & Co. | Bedinger, B. F..... | |
| Allen, Joseph..... | Allen, Rice & Co. | Bell, John E..... | |
| Allen, C. W..... | Allen & Ellis. | Bemis, W. B..... | W. B. Bemis & Co. |
| Andrew, Peter..... | J. Walker & Co. | Benndorf, Karl F., <i>Sec'y</i> | Farmers' Insurance Co. |
| " " | P. Andrew & Co. | Benedict, John B..... | |
| Andrew, Charles..... | " " | Bennett, Charles H..... | |
| Andrew, Frank..... | " " | Bennett, Edward D..... | Bennett & Blair. |
| Andrews, Daniel..... | Tweed & Andrews. | Benninger, Jacob, Jr..... | |
| Andrews, James..... | " " | Beresford, Richard..... | Beresford & Co. |
| Anderson, Larz..... | | Bernard, Nicholas L..... | |
| Anderson, N. L..... | | Betts, Smith..... | T. B. Stone & Co. |
| Anderson, P. S..... | Snider, Anderson & Co. | Bigler, C. M..... | Hoshal, Bigler & Co. |
| Anderson, Wm. F..... | John V. Lewis & Co. | Birt, William..... | |
| Anderegg, John..... | Anderegg & Roth. | Bishop, George W..... | Bishop Bros. |
| Appel, John..... | | Bishop, R. M..... | R. M. Bishop & Co. |
| Arfeth, Ernst..... | | Bishop, James A..... | " " |
| Armel, Daniel F..... | Daniel Armel & Co. | Bishop, R. H..... | " " |
| Armel, William J..... | " " | Bishop, William T..... | " " |
| Armstrong, A. E..... | | Bishop, Charles H..... | Charles H. Bishop & Co. |
| Armstrong, F. A., <i>Manager</i> | Western Union Tel. Co. | Bishop, Roly P..... | Bishop & Spear. |
| Arnold, Ambrose S..... | R. H. Robinson & Co. | Blackmore, Dawson..... | Blackmore & Kinsey. |
| Arnold, Brent, <i>Fr't A'gt</i> { | Louisville, Cincinnati and | Blair, Joseph T., <i>Sec'y</i> | Union Insurance Co. |
| Aubery, William..... | Lexington R. R. | Blair, William H..... | Bennett & Blair. |
| Austin, O. P., <i>Reporter</i> | Traber & Aubery. | Blinn, George A..... | |
| Austing, Frank..... | Cincinnati Enquirer. | Block, Elias..... | Elias Block & Sons. |
| Austing, John..... | Frank Austing & Co. | Block, Louis..... | " " |
| Aug, Jacob..... | " " | Block, Samuel..... | " " |
| | | Blumenthal, Isidore..... | |
| Bacon, George M..... | | Boecke, Edward..... | |
| Balley, Austin L., <i>Sec'y</i> | Western Manufacturing Co. | Bogen, George, Jr..... | |
| Balley, Daniel..... | E. Grasselli & Co. | Bonsall, Charles..... | Chas. Bonsall & Sons. |
| Balley, Samuel, Jr., <i>Sup't</i> | Cincinnati Transfer Co. | Bonsall, Robert T..... | " " |
| Baird, James A..... | James A. Baird & Co. | Ross, Christian, <i>Pres't</i> | Gambrinus Stock Co. |
| Baird, Albert B..... | " " | Botts, William C..... | George & Botts. |
| Baldwin, Ammi, <i>Ass't Cash</i> | Third National Bank. | Bowler, R. B., <i>Sup't</i> | Kentucky Central R. R. |
| Baldwin, F. H..... | John V. Lewis & Co. | Bowman, H. Andrew, <i>Sup't</i> | Miami Stock Yards. |
| Baldwin, A. C..... | Straight, Deming & Co. | Boyden, H. P., <i>Sec'y</i> | Cincinnati Times Co. |
| Banning, J. W..... | J. W. Banning & Co. | Boyer, John L., <i>Sec'y</i> | Globe Rolling Mill Co. |
| Banning, Myron..... | " " | Boyle, John..... | |
| Banning, David..... | " " | Bradford, James W..... | Bradford & Smith. |
| Bard, S. W..... | | Bradford, Robert W..... | Thomas Bradford & Co. |
| | | Bramble, A. L..... | |

| Names of Members. | Style of Firm. | Names of Members. | Style of Firm. |
|--|--|---|--|
| Bramlage, Clemens H..... | Graves & Bramlage. | Clark, N. S..... | Snodgrass & Clark. |
| Bramwell, J. C..... | Plemer & Bramwell. | Clark, William, <i>Sup't</i> | Consolidated Coal & Mining Co. |
| Braunan, B. F., <i>Pres't</i> | Franklin Bank. | Clarkson, A. E..... | |
| Brant, A. R..... | | Clegg, J. C., <i>Manager</i> | Board of Trade Telegraph. |
| Breed, Abel D..... | Crane, Breed & Co. | Cloud, F. H., <i>Agent</i> | Phoenix Insurance Co. |
| Breed, William J..... | | Cobb, William H..... | Christy, Cobb & Co. |
| Breneman, Henry H..... | Camargo Manufacturing Co. | Cochnow, John, <i>Pres't</i> | Union Central Life Ins. Co. |
| Breneman, H. L..... | Bersford & Co. | Cochran, Geo. G., <i>Flt Ag't</i> | Atlantic & Great Western R. R. Co. |
| Brenner, John..... | | Cochran, Thomas J..... | Cochran, Lyman & Co. |
| Britton, Orson..... | Britton & Co. | Cohn, Joseph..... | Savage & Cohn. |
| Britton, Orson, Jr..... | | Colburn, Chas. L., <i>Agent</i> | Norton Iron Works Co. |
| Brookfield, E. V., <i>Pres't</i> | Fidelity Insurance Co. | Collier, Daniel..... | |
| Brotherton, John J..... | Gilmore & Co. | Collier, Thomas B..... | Collier, Budd & Co. |
| Brown, Charles A..... | J. R. Brown & Co. | Collins, H. E., <i>Vice Pres't</i> | Cincinnati Coal & Coke Co. |
| Brown, Charles L., <i>Agent</i> | Kentucky Central R. R. | Collins, Val. P..... | |
| Brown, H. Wilson, <i>Agent</i> | Star Union Line. | Collord, N. B..... | Collord, Morrison & Co. |
| Brown, Joseph R..... | J. R. Brown & Co. | Colter, Aaron A..... | Colter Packing Co. |
| Brown, Robert, Sr., <i>Vice Pres't</i> | Second National Bank. | Conahan, E. S..... | Woods & Conahan. |
| Brown, Robert, Jr., <i>Sec'y</i> | Cincinnati Gas Light and Coke Co. | Conney, Martin R..... | |
| Brown, Paris C..... | Parker, Wise & Co. | Conklin, Andrew C..... | Conklin & Lepper. |
| Brown, Robt. K., <i>Flt Ag't</i> | Pittsburgh, Cincinnati and St. Louis R. R. | Cook, Theodore, <i>Pres't</i> | American Burial Case Co. |
| Brown, Thomas F..... | Mellen, Brown & Co. | Cooke, H. P., <i>Cashier</i> | Fourth National Bank. |
| Brown, Zep..... | | Coope, Henry, <i>Gen'l Con-tracting Agent</i> | O. & M., I. C. & L., and C., H. & D. R. Roads. |
| Brown, Wm. H., <i>Prop'r</i> | Keystone Coal Elevator. | Cooper, Samuel S..... | |
| Bruckmann, John C..... | | Cordukes, Jonathan..... | Gilmore & Cordukes. |
| Bruns, Fred H..... | John J. Perkins & Co. | Corre, A. G., <i>Sec'y</i> | Burnet House. |
| Bryan, William H..... | W. H. Bryan & Winans. | Cost, Richard H..... | R. H. Cost & Co. |
| Buchanan, Alfred..... | A. Buchanan & Co. | Cotteral, J. W..... | J. W. Cotteral & Son. |
| Buchanan, Richard W..... | Buchanan & Co. | Cotteral, J. W., Jr..... | |
| Buchanan, W. C..... | | Covington, S. F., <i>Pres't</i> | Globe Insurance Co. |
| Budd, Peter R..... | Collier, Budd & Co. | Covington, John I., <i>Sup't</i> | Insurance Adjustment Co. |
| Buening, Anton..... | | Cox, William H..... | |
| Bugher, Aaron H., <i>Sec'y</i> | Covington and Cincinnati Bridge Co. | Crail, Ervin..... | Crail & Whitaker. |
| Bullock, Anthony D..... | A. D. Bullock & Co. | Crane, James C..... | J. C. Crane & Co. |
| Bullock, W. R..... | | Crane, Martin H..... | Crane, Breed & Co. |
| Burckhardt, Frederick..... | Burckhardt & Co. | Cressey, W. D..... | A. C. Martin & Co. |
| Burger, Louis..... | A. Schwill & Co. | Crego, Russell..... | Russell Crego & Son. |
| Burgoynne, John, <i>Pres't</i> | National Insurance Co. | Crego, Oscar M..... | |
| Burkhardt, Louis..... | Sander & Burkhardt. | Cresap, Robert J..... | |
| Burnet, Jacob, Jr., <i>Pres't</i> | Cincinnati Insurance Co. | Cross, Wilson, <i>Agent</i> | Cleveland, Columbus, Cincinnati & Ind. Railway Co. |
| Burnham, Victor..... | | Crump, Wm. H., <i>Manager</i> | Western Manufacturing Co. |
| Burrows, G. H., <i>Sec'y</i> | C. B. Evans Mantel and Grate Co. | Cullen, James, <i>Vice Pres't</i> | Cincinnati Ice Co. |
| Burton, Gideon..... | Adam Gray & Co. | Cunningham, Briggs S..... | Evans, Lippincott & Cunningham. |
| Burton, S. H..... | | Cunningham, E. W..... | Cunningham & Son. |
| Busch, Henry F..... | Cin. Cotton Press Co. | Cunningham, Joseph..... | J. Cunningham & Co. |
| Bush, Edwin C., <i>Sup't</i> | | Cunningham, J. F..... | J. F. Cunningham & Co. |
| Butler, Richard A..... | | Cunningham, J. H..... | Cunningham, Curtis & Co. |
| Byrne, Peter..... | | Curtis, Nicholas..... | |
| Cachard, Frank C..... | F. C. Cachard & Co. | Dair, C. E..... | Stevens, Dair & Co. |
| Caldwell, Robert W..... | Pattison & Caldwell. | Dair, William..... | |
| Caldwell, Nathaniel..... | | Dalton, Daniel J., <i>Ag't</i> | Marietta & Cincinnati R. R. |
| Calvert, W. H., <i>Pres't</i> | Merchants & Manufacturers' Insurance Co. | Dalton, James..... | Odlone & Dalton. |
| Camerer, William..... | Louis Jacob, Sr., & Co. | Dana, Stephen F., <i>Agent</i> | Campbell's Creek Coal Co. |
| Campbell, Hugh..... | | Dater, Gilbert..... | Silmer & Dater. |
| Carey, Samuel D..... | | Davis, A. Judson..... | A. Judson Davis & Co. |
| Carlisle, John, <i>Treas.</i> | C. B. Evans, Mantel and Grate Co. | Davis, Charles..... | Charles Davis & Co. |
| Carpenter, Charles E..... | C. L. Greene & Co. | Davis, Benjamin F..... | |
| Carr, John W..... | J. W. Carr & Son. | Davis, George F..... | Geo. F. Davis & Co. |
| Carr, William B..... | | Davis, George F., Jr..... | |
| Carrel, Hercules, <i>Pres't</i> | Marine R. W. & Dry Dock Co. | Davis, William H..... | Wm. H. Davis & Co. |
| Case, Charles G..... | R. & C. G. Case. | Davis, Joshua..... | |
| Case, Reed..... | Seiple, Cassilly & Co. | Davis, Samuel, Jr..... | S. Davis, Jr., & Co. |
| Cassilly, Thomas A..... | | Davis, William Henry..... | |
| Cassilly, William B..... | | Davis, William W..... | |
| Charter, George..... | | Davis, Charles H..... | E. Morgan & Co. |
| Chatfield, Wm. H..... | Chatfield & Woods. | Day, Ebenezer..... | |
| Cherry, E. V., <i>Vice Pres't</i> | Post & Co. | Dayton, L. M..... | |
| Chesley, Charles R., <i>Sup't</i> | Consolidated St. R. R. Co. | DeBar, Joseph..... | Poland and Henry. |
| Chipman, William D..... | | DeBoor, Jacob..... | DeBoor & Von Bergen. |
| Chisman, Homer, <i>Sup't</i> | Cincinnati Elevator Co. | DeBus, Henry..... | DeBus & Hauser. |
| Christy, Henry N..... | Christy Cobb & Co. | DeBus, Henry..... | Cincinnati Coopers Co. |
| Christy, John W..... | John Church & Co. | Deglow, H. R..... | Deglow & Bausch. |
| Church, John, Jr..... | A. R. Clark & Co. | Dehler, Emil..... | |
| Clark, Alex. R..... | | Dexter, Edmund..... | |
| | | Dexter, Julius..... | |
| | | Dietz, Henry..... | H. Dietz & Co. |

LIST OF INDIVIDUAL MEMBERS—Continued.

| Names of Members. | Style of Firm. | Names of Members. | Style of Firm. |
|---|---|---|--|
| Dillon, John..... | Dillon, Gorman & Co. | Foster, Seth C..... | Stearns & Foster. |
| Diss, Conrad..... | Charles Doll & Co. | Foulds, Thomas H..... | Peebles, Foulds & Co. |
| Dixon, Henry..... | Minor & Dixon. | Fox, Charles N..... | Fox & Thomas. |
| Dodds, Milo G..... | Long & Dodds. | Fox, George, <i>Pres't.</i> | Geo. Fox Starch M'fg Co. |
| Dodds, W. B., Jr., <i>Agent.</i> { | Cincinnati, Sandusky and Cleveland Railroad. | Fox, John W., <i>Sup't.</i> | Marsh & Harwood. |
| Dodsworth, Caleb..... | | Fox, Thomas V., <i>V. Pres't.</i> | Friend & Fox Paper Co. |
| Doll, Charles..... | Charles Doll & Co. | Fox, George B., <i>Sec'y.</i> | Abner L. Frazer & Co. |
| Domlnick, William H..... | | Frazer, Abner L..... | " " |
| Dorman, J. C..... | J. C. Dorman & Co. | Frazer, Shed. L..... | |
| Dorsel, John..... | Dorsel & Wulftange. | Frazer, James A..... | Marietta & Cincinnati R. R. |
| Drake, Simeon N..... | | Fraser, R. M., <i>G'l Fr't Agt.</i> | Freiberg & Workuin. |
| Droste, Charles F..... | Droste & Kuhn. | Freiberg, Julius..... | |
| Duckworth, George K..... | | French, Maynard..... | Fechheimer, Frenkel & Co. |
| Dumont, Charles T..... | | Frenkel, Jacob..... | Friend & Fox Paper Co. |
| Dunklee, John W., <i>Pres't.</i> | Burnet House. | Friend, C. W., <i>Pres't.</i> | S. Frietsch & Co. |
| Dunklee, Robert E..... | | Frietsch, Sigmund..... | |
| Dykens, Robert A..... | Megrue & Dykins. | Fueller, Fred..... | |
| Dymond, Richard..... | Wm. Glenn & Sons. | Fuller, E. F., <i>G'l Ag't.</i> { | Pittsburgh, Cincinnati & St. |
| | | | Louis R. R. |
| Earl, Frank E..... | Earl, Lyon & Co. | Fulford, William..... | O. B. Farrelly & Co. |
| Eckert, Howard..... | Howard Eckert & Co. | Furst, Abram..... | Kahn & Furst. |
| Eckert, W. H., <i>Manager.</i> { | City and Suburban Tele- graph Association. | Gaff, James W., <i>Pres't.</i> | Cincinnati Cooperage Co. |
| Eckstein, Frederick E..... | Eckstein, Hills & Co. | " " "..... | James W. Gaff & Co. |
| Edwards, A. C., <i>Pres't.</i> | Union Insurance Co. | " " "..... | Fleischmann & Co. |
| Edwards, A. S..... | Skaats, Edwards & Co. | " " "..... | T. & J. W. Gaff & Co. |
| Eggleston, Benjamin..... | Wilson, Eggleston & Co. | Gaff, Thomas..... | John Gaff & Co. |
| | Miami Stock Yards. | Gaff, John..... | A. Gainsford & Co. |
| | White Line Central Tran- sit Co. | Gainsford, Arthur..... | Gale Brothers. |
| Elliott, Wm. W., <i>Agent.</i> { | Allen & Ellis. | Gale, Burtis W..... | |
| Ellis, A. D..... | | Gale, Joseph P..... | Geo. Fox starch M'fg Co. |
| Ellis, Henry..... | | Galloway, W., <i>Sec'y.</i> | Procter & Gamble. |
| Ellison, J. D., <i>Sup't.</i> { | Pittsburgh, Cincinnati and St. Louis R. R. | Gamble, James..... | |
| Elstner, Joseph..... | | Gamble, James N..... | Wood, Williams & Co. |
| Emerson, Henry, <i>Sec'y.</i> | Washington Insurance Co. | Gano, Aaron G..... | Amazon Insurance Co. |
| Emery, J. J..... | Thomas Emery's Sons. | Gano, Gazzam, <i>Pres't.</i> | Cincinnati Commercial. |
| Emery, Thomas J..... | | Gano, John A..... | Longley, Garlick & Co. |
| Envart, Charles G..... | Gardner Phipps & Co. | Garlick, H..... | |
| Epply, Wm. H..... | | Garrard, Kenner..... | D. L. Garrison's Son. |
| Erkenbrecher, Andrew..... | | Garrison, Walter R..... | Simpson & Gault. |
| Ertz, Charles E..... | Ertz, Munson & Co. | Gault, George..... | |
| Esberg, James..... | | Gay, James I..... | Cleveland, Columbus, Cin'ti & Indianapolis R'y Co. |
| Espy, James..... | Espy, Heidelberg & Co. | Gays, Henry W., <i>General</i> <i>Freight Agent.</i> { | Geffroy & Gibson, Gibson House. |
| Eustis, George..... | George Eustis & Co. | Geffroy, O. H..... | George & Botts. |
| Evans, Benjamin..... | Evans Brothers. | George, Louis C..... | Schaller & Gerke. |
| Evans, Benjamin F..... | Evans, Lippincott & Cun- ningham. | Gerke, George..... | |
| Evans, Seth..... | Evans & Kinney. | Gest, Joseph J..... | |
| | | Getty, W. S..... | |
| Fackler, George W..... | | Gibson, David, <i>Pres't.</i> { | Cincinnati, Portsmouth, Big Sandy & Pomeroy Packet Co. |
| Fagin, Joseph H..... | Lewis Fagin's Sons. | " " "..... | Geffroy & Gibson, Gibson House. |
| Fagin, Theodore..... | " " "..... | Gibson, William..... | Crescent Brewing Co. |
| Fagin, Morzan H..... | M. H. Fagin & Co. | Gibson, W. E..... | Giebel, Hahn & Co. |
| Fallis, D. J., <i>Pres't.</i> | Merchants' National Bank. | Giebel, Henry..... | Glinore & Cordukes. |
| Faran, James J..... | Cincinnati Enquirer. | Gilmore, Edward..... | |
| Farrell, James..... | | Gilmore, James..... | Gilmour & Sons, Grand Hotel. |
| Farrelly, O. B..... | O. B. Farrelly & Co. | Gilmour, H. C..... | " " "..... |
| Fechheimer, L. S..... | Fechheimer, Frenkel & Co. | Gilmour, J. D..... | Thomas Gilpin & Co. |
| Fechheimer, Marcus..... | | Gilmour, J. M..... | |
| Ferry, Francis..... | | Gilpin, Thomas..... | Citizens' Insurance Co. |
| Fieber, Joseph..... | | Gilpin, William H..... | William Glenn & Sons. |
| Field, Richard B..... | | Glenn, Lewis, <i>Pres't.</i> | Herman Goepper & Co. |
| First, Samuel, <i>Sec'y.</i> | Mowry Car & Wheel Works. | Glenn, William..... | |
| Fischer, Albert..... | A. Fischer & Co. | Glenn, James M..... | |
| Fisher, John W..... | J. W. Fisher & Co. | Goepper, Edward..... | Mueller & Gogreve. |
| Fisher, Albert D..... | " " "..... | Goepper, Herman..... | |
| Fitch, B. S., <i>G'l Fr't Ag't.</i> | Chesapeake & Ohio R. R. | Goettle, Albert..... | |
| Flamm, C..... | Collord, Morrison & Co. | Goettle, Emil..... | |
| Fleischmann, Charles..... | Fleischmann & Co. | Gogreve, C. H..... | |
| Fleischmann, M..... | | Good, Joseph..... | The Bradstreet Co. Mercan- tile Agency. |
| Flemming, R. H..... | | Goodale, Levi C., <i>Sup't.</i> { | J. H. Goodhart & Co. |
| Folsom, Richard, <i>Sec'y.</i> { | Consolidated Coal & Min- ing Co. | Goodhart, Julius H..... | National Lafayette & Bank of Commerce. |
| Foot, Charles B., <i>Pres't.</i> | Commercial Bank. | Goodman, W. A., <i>Pres't.</i> { | Cincinnati Equitable In- surance Co. |
| Foot, James H..... | | Goodman, T. S., <i>Sec'y.</i> | |
| Ford, S. H..... | Jennings, Ford & Paxton. | Gordon, James..... | |
| Forbus, M. S..... | | | |
| Fort, J. W..... | Fort, Sadler & Co. | | |
| Foster, Thomas..... | | | |
| Foster, John B..... | | | |

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LIST OF INDIVIDUAL MEMBERS—Continued.

| Names of Members. | Style of Firm. | Names of Members. | Style of Firm. |
|---|----------------------------|--|--------------------------------|
| Johnson, Brooks..... | T. S. Johnson & Co. | Leggatt, Charles..... | |
| Johnson, E. L..... | E. L. Johnson & Co. | Lehmer, James D..... | |
| Johnson, T. S..... | T. S. Johnson & Co. | L'Hommedieu, Samuel.... | L'Hommedieu & Co. |
| Johnson, Robert G..... | Goettie & Johnson. | Lemon, William M..... | |
| Johnson, Samuel J..... | Johnson & Co. | Leonard, L. A..... | Cincinnati Star. |
| Johnson, T. N., <i>Sec'y</i> | Cin., Portsm'th, Big Sandy | Lepper, Adam..... | Conklin & Lepper. |
| Johnson, William W..... | & Pomeroy Packet Co. | Levi, Jacob C..... | |
| Johnston, H. Morris..... | W. W. Johnson & Co. | Levi, Leopold..... | S. Levi & Bros. |
| Johnston, J. Wilson, <i>Sec'y</i> | Hugh McBirney & Co. | Levi, Solomon..... | " " |
| Johnston, Nic. M., <i>Ag't</i> | Commercial Insurance Co. | Levi, Louis S..... | " " |
| Jones, Geo. W., <i>Pres't</i> | Chesapeake & Ohio R. R. | Levy, Albert..... | James Levy & Bro. |
| Jones, John..... | Miami Valley Insurance Co. | Levy, James..... | |
| Jones, Robert B., <i>Sup't</i> | Street Railroad Connection | Lewis, Henry..... | A. D. Bullock & Co. |
| Kahn, Charles, Jr..... | | " " <i>Pres't</i> | Walnut Hills & Cincinnati |
| Kahn, Charles, Sr..... | Kahn & Furst. | " " <i>Pres't</i> | Street Railroad Co. |
| Kauffman, John..... | Vine Street Brewery. | Lewis, John V..... | Cincinnati Abattoir and |
| Kearney, Joseph M..... | J. M. Kearney & Co. | Linck, Frank..... | Warehouse Co. |
| Keck, Josiah L., <i>Pres't</i> | United Railroads Stock | Lippelmann, H. H..... | John V. Lewis & Co. |
| Keefe, David..... | Yard Co. | Lippincott, J. A., <i>Sup't</i> | |
| Keever, L. C..... | James H. Laws & Co. | Lippincott, James B..... | Cincinnati & Muskingum |
| Keith, Charles W..... | | Lippincott, William J..... | Valley Coal Co. |
| Kelling, John F..... | Walsh & Kellogg. | Litmer, Casper..... | Evans, Lippincott & Cun- |
| Kellogg, Charles H., Jr..... | D. M. Kennedy & Co. | Loewenstein, Henry..... | ningham. |
| Kennedy, D. M..... | | Loewenstein, Herman..... | C. Litmer & Co. |
| Kennedy, John M..... | Lewis Kennedy & Co. | Long, Alfred A..... | H. & H. Loewenstein. |
| Kennedy, Lewis..... | Mt. Adams and Eden Park | Long, Jno. H., <i>Fr't Ag't</i> | Long & Dodds. |
| Kerper, Geo. B., <i>Sup't</i> | Inclined Railway Co. | Longley, Hiram W..... | Indianapolis, Cincinnati & |
| Kerr, James C..... | A. R. Clark & Co. | Loper, Albert..... | Lafayette R. R. Co. |
| Kessler, Henry, <i>Pres't</i> | Eagle Insurance Co. | Loudon, James A..... | Longley, Garlick & Co. |
| Kestner, George F., Jr..... | | Lowry, Samuel..... | Weber, Loper & Co. |
| Kiersted, Jeremiah..... | Franklin Bank. | Lykins, M. D..... | Wallingford & Loudon. |
| Kilgour, John, <i>Vice-Pres't</i> | King Brothers & Co. | Lykins, W. J..... | Samuel Lowry & Co. |
| King, George I..... | | Lyman, Richard H..... | Lykins & Son. |
| King, John R..... | Star Union Line. | Lyon, M. J..... | Cochran, Lyman & Co. |
| King, James B., <i>Ag't</i> | Commercial Bank. | Lysle, John W..... | Earl, Lyon & Co. |
| King, Wm. N., <i>Cashier</i> | Evans & Kinney. | McBirney, Hugh..... | Ross & Lysle. |
| Kinney, Joseph N..... | Blackmore & Kinney. | McCammon, Charles E..... | Hugh McBirney & Co. |
| Kinsey, Frank..... | Globe Rolling Mill Co. | McComas, R. T..... | Thomas Gilpin & Co. |
| Kinsey, Joseph, <i>Pres't</i> | Post & Co. | McCord, J. W., <i>Sec'y</i> | City and Suburban Telo- |
| Kinsey, Oliver, <i>Sec'y</i> | W. & R. Kirby. | McCullough, Albert..... | graph Association. |
| Kinsinger, Chris..... | J. A. Severet & Co. | McCullough, J. Charles..... | Enterprise Insurance Co. |
| Kirby, Robert..... | J. M. Kirtley & Co. | McCullough, M., <i>Sup't</i> | J. M. McCullough's Sons. |
| Kirby, William..... | C. Klein & Co. | McDonald, Alex..... | U. S. Mail Line Co. |
| Kirschner, Fred..... | F. Schwegman & Co. | McDonald, James..... | Alex. McDonald & Co. |
| Kirtley, John M..... | H. Mueller & Co. | McFarlan, James..... | McFarlan, Baldwin & Co. |
| Klein, Christian..... | Shinkle, Howell & Krels. | McGuire, Matthew..... | James McKeehan & Co. |
| Kneuen, Bernard..... | S. Kuhn & Sons. | McKeehan, James..... | |
| Kobert, Charles..... | Droste & Kuhn. | McKeehan, Samuel..... | Firemen's Insurance Co. |
| Krels, John A..... | Eureka Insurance Co. | McLaughlin, Geo., <i>Sec'y</i> | Cincinnati Enquirer. |
| Kuhn, Samuel..... | | McLean, John R..... | Cincinnati, Hamilton and |
| Kuhn, Lewis..... | | McLeod, A. H., <i>Gen. Fr't Ag't</i> | Dayton R. R. Co. |
| Kuhn, William..... | | McPherson, A. D., <i>Ag't</i> | Pittsburgh, Cin'tl & St. Louis |
| Kyle, John, <i>Pres't</i> | | McVeigh, C. H., <i>Ag't</i> | Railroad Co. |
| Lackman, Herman..... | U. S. Brewery. | McVeigh, P. P., <i>Sup't</i> | Covington Transfer Co. |
| Lafferty, A. R., <i>Fr't Ag't</i> | Cincinnati, Hamilton and | MacBratr, Archibald..... | MacBratr & Sons. |
| Laidley, Frederick A..... | Dayton R. R. Co. | MacBratr, Archibald, Jr..... | " " |
| Laist, Otto..... | F. A. Laidley & Co. | MacBratr, William..... | " " |
| Langdon, Perin..... | Hartmann, Laist & Co. | Macdonald, Thomas L..... | Robert Moore & Co. |
| Langdon, Solomon..... | Solomon Langdon & Son. | Mack, Edward J..... | Elias Block & Sons. |
| Langtree, Samuel D..... | Crescent Brewing Co. | Mack, Henry..... | Mack, Stadler & Co. |
| Laralde, Edward..... | Farmers' Insurance Co. | Mack, Marcus H..... | " " |
| Larkin, Joseph F., <i>Pres't</i> | Joseph F. Larkin & Co. | Mack, I. H..... | " " |
| Lauer, Henry..... | Newburgh, Stern, Lauer & | Mack, Thomas A..... | John Muckoy & Son. |
| Law, George W..... | Co. | Mackoy, John..... | Louisville, Cincinnati and |
| Law, W. F..... | Law Brothers. | MacLeod, John, <i>Gen. Sup't</i> | Lexington R. R. |
| Law, John H..... | | Macready, Robert, <i>Pres't</i> | Cincinnati Elevator Co. |
| Laws, James H..... | James H. Laws & Co. | Macready, William H..... | R. Macready & Co. |
| Laws, William H..... | " " | Maddux, W. B..... | Maddux, Hobart & Co. |
| Laws, Harry L..... | " " | Maddux, Lewis O..... | |
| Lawrence, A..... | Lawrence & Vance. | Maescher, William..... | Maescher & Shafer. |
| LeBoutillier, James..... | | Maescher, John V..... | Maescher & Shafer. |
| LeCain, F. G..... | United Railroads Stock | Magill, H. M., <i>Gen'l Agent</i> | Phoenix Insurance Co. |
| Leddie, George, <i>Cashier</i> | Yard Co. | | |

LIST OF INDIVIDUAL MEMBERS—Continued.

| Names of Members. | Style of Firm. | Names of Members. | Style of Firm. |
|-------------------------------------|--|--|--|
| Maguire, C. S. | Mullane & Co. | Nurre, A. Joseph | |
| Markbreit, L., <i>Sec'y</i> | Cincinnati Volksblatt. | Nye, Henry | |
| Marling, J. B., <i>Sec'y</i> | Hall's Safe & Lock Co. | Nye, John C. | |
| Marmet, Florence | Marmet & Co. | | |
| Marmet, Otto | | Odiorne, T. G. | Odiorne & Dalton. |
| Marshall, G. W., <i>Ag't</i> | Cincinnati Hamilton & Dayton R. R. | Oglesby, William B. | Cunningham, Curtis & Co. |
| Martin, Alex C. | A. C. Martin & Co. | Owens, Owen | |
| Martin, G. D., <i>Sec'y</i> | Cincinnati Fertilizer Co. | | |
| Masheter, John J. | | Page, H. J., <i>General Fr'ght Agent</i> | Indianapolis, Cincinnati & Lafayette R. R. |
| Mathers, William | | Parker, Dewitt H. | Watts, Parker & Co., N. Y. |
| Mathers, Richard | | Parker, James D. | Parker, Wise & Co. |
| Mauck, E. R. | John Shearer & Co. | Parker, Luther | |
| Means, William | Wm. Means & Co. | Patterson, H. B. | Patterson, Bro. & Co. |
| Megrue, Joseph R. | Megrue & Dykins. | Patterson, W. M. | |
| Meldrum, George | | Patterson, Stephen J. | |
| Mellen, W. S. | Mellen, Brown & Co. | Pattison, Edward M. | Pattison & Caldwell. |
| Metz, John | | Paxton, J. E. | Jennings, Ford & Paxton. |
| Meyer, D. B., <i>Sec'y</i> | Germania Insurance Co. | Peabody, W. W., <i>Gen'l Sup't</i> | Ohio & Miss. Railway Co. |
| Michener, Israel | Israel Michener & Co. | Peachey, Henry, <i>V. Pres't</i> | National Lafayette & Bank of Commerce. |
| Michener, J. Hart | | Pearce, Henry | Gould, Pearce & Co. |
| Millar, C. D. | Cincinnati Commercial. | Peck, Hiram H. | J. W. Peck & Co. |
| Miller, A. M. | A. M. Miller & Son. | Peck, John W. | |
| Miller, Richard O. | | Peebles, J. Scott | Peebles, Foulds & Co. |
| Miller, Frederick | | Peebles, William H. | |
| Miller, Geo. A., <i>Sec'y</i> | Miami Valley Insurance Co. | Pendleton, Edmund H. | |
| Miller, H. H. | H. H. Miller & Co. | Pendleton, Elliott H. | |
| Miller, W. E. | Inland Oil Company. | Penney, Grove J. | Grove J. Penney & Co. |
| Miller, Rob't. T., <i>V. Pres't</i> | | Perin, Nelson | Perin & Gould. |
| Mills, Charles L. | | Perin, Oliver | J. W. Gaff & Co. |
| Mills, Joseph F. | | | A. Buchanan & Co. |
| Minor, James R. | Minor & Dixon. | | John J. Perkins & Co. |
| Mitchell, A. H., <i>Sec'y</i> | Mitchell & Rammelsberg Furniture Co. | | Pfaffmann & Pfau. |
| Mitchell, Robert, <i>Pres't</i> | | Perkins, John J. | German Banking Co. |
| Mitchell, Newton | N. Mitchell & Co. | Pfau, Jacob, Jr. | Gardner Phipps & Co. |
| Mitchell, P. R. | A. D. Bullock & Co. | Pfaffmann, Andrew | |
| Moemke, Henry | Moemke & Janzen. | | |
| Moerlein, Chris | Elm Street Brewery. | Phipps, Gardner E. | |
| Moffett, William | Robert Moore & Co. | Phipps, George | |
| Mohr, Paul | Mohr, Mohr & Co. | Pienkowski, Thomas J. | |
| Mohr, P. F., Jr. | | Pine, William | Jason Evsns & Co. |
| Moutgomery, A., <i>Pres't</i> | Cin'tl Coal & Coke Co. | Pluemer, A. | Pluemer & Bramwell. |
| Moore, Robert | Robert Moore & Co. | Pohlmeyer, Charles | |
| Morehead, H. B. | | Poland, Patrick | Poland & Henry. |
| Morgan, Ephraim | E. Morgan & Co. | Pollock, John | |
| Morgan, George W. | | Pomeroy, Charles C. | |
| Morganthau, Henry | H. Morganthau & Co. | Porter, John H. | Charles Davis & Co. |
| Morris, Henry B. | Bishop Brothers. | Post, Samuel P., <i>Sec'y</i> | Eagle Insurance Co. |
| Morris, John C., <i>Pres't</i> | Merchants' Mutual Fire Insurance Co. | Pounsford, A. H. | A. H. Pounsford & Co. |
| Morrison, James | James Morrison & Co. | Powell, William | Wm. Powell & Son. |
| Morrison, John | | Pratt, Benjamin F. | Grant & Pratt. |
| Morrison, Thomas | | Pratt, Julius H. | Procter & Gamble. |
| Morrison, Robert | | Procter, William | |
| Moset, Augustus J. | Collord, Morrison & Co. | Procter, William A. | |
| Mueller, Ferdinand | Royce & Mosset. | Pugh, Achilles H. | |
| Mueller, Henry | Mueller & Gogrieve. | | |
| Muhlhauser, Chris. | H. Mueller & Co. | Rabe, C. Henry | Silmer & Raibe. |
| Muhlhauser, Gottlieb | C. Windisch, Muhlhauser & Bro. | Raibe, John J. | Erie & N'rth Sh're Despatch |
| Muhlhauser, Henry | | Ratbun, Chas. M., <i>Agent</i> | F. Rauh & Co. |
| Mullane, A. J. | | Rauh, Frederick | J. Rawson & Son. |
| Munce, James | Mullane & Co. | Rawson, Edward | |
| Mundell, W. D. | Roots & Co. | Rawson, Joseph | |
| Munson, Francis M. | Short & Mundell. | Rawson, Joseph, Jr. | |
| | Ertz, Munson & Co. | Rawson, Warren | |
| Murdock, James R. | Mt. Adams & Eden Park Inclined Railway. | Rechtin, John, <i>Ag't</i> | Marietta & Cin'tl R. R. Co. |
| Murray, Chas. B., <i>Publisher</i> | Cincinnati Price Current. | Rees, Jonah L. | Rees & Co. |
| | | Rees, Samuel D. | |
| Nagel, Henry | | Regan, John | |
| Neare, George W. | | Reld, Samuel V. | |
| Neff, George W. | George W. Neff & Co. | Reif, George | |
| Neff, J. M. W. | | Reis, Isaac | |
| Neff, William Clifford | | Reis, Abram | Reis Brothers & Co. |
| Netter, Albert | | Reis, Julius | |
| | | Reis, Samuel | |
| Newburgh, Nathaniel | Newburgh, Stern, Lauer & Co. | Renner, George | |
| Newton, Francis M. | | Reno, F. X., <i>Pres't</i> | Western Insurance Co. |
| Nichols, George Ward | | Reno, John C. | |
| Nicola, Henry, <i>Sec'y</i> | | Reynolds, Frank, <i>Treas.</i> | Stone Lake Ice Co. |
| Nuezel, George | Butchers' Melting Ass'n. F. C. Cachard & Co. | Reynolds, Robert B., <i>Sup't</i> | |
| | | Rhodes, J. H., <i>Sup't</i> | Adams Express Co. |
| | | Rice, Charles, <i>Cash'r.</i> | German Banking Co. |

[illegible]

LIST OF INDIVIDUAL MEMBERS—Continued.

| Names of Members. | Style of Firm. | Names of Members. | Style of Firm. |
|--------------------------------------|-----------------------------|---------------------------------------|---------------------------|
| Stephens, Thomas J..... | Stephens & Brother. | Warren, Henry M..... | Matthew Addy & Co. |
| Stephens, William K..... | " | Wasson, B. W..... | B. W. Wasson & Co. |
| Stern, Jacob..... | Straus & Stern. | Weaver, Albert A..... | C. W. Weaver & Co. |
| Stettinius, John L..... | Cincinnati Gazette. | Weaver, Cosmore W..... | Weber, Loper & Co. |
| Stevens, Charles, <i>Reporter</i> .. | Stevens, Dair & Co. | Weber, Daniel..... | Adams Express Co. |
| Stevens, Edwin..... | Cincinnati Star. | Weidner, George B..... | Weller & Worth. |
| Stewart, B. B..... | Charles Stewart & Co. | Weir, L. C., <i>Ag't</i> | M. Werk & Co. |
| Stewart, Charles..... | Cincinnati Insurance Co. | Weller, Jacob..... | H. W. Hughes & Co. |
| Stewart, Chas., Jr., <i>Sec'y</i> .. | Globe Insurance Co. | Werk, Casimer..... | " |
| Stewart, Robert W., <i>Sec'y</i> .. | H. L. Stiles & Co. | Werk, Michael..... | " |
| Stiles, H. L..... | Daniel Stone & Co. | Wessel, Augustus..... | " |
| Stiles, T. M..... | J. E. Stone & Co. | Wessel, H. H..... | " |
| Stone, Daniel..... | T. B. Stone & Co. | West, Robert H..... | Whetstone & Co. |
| Stone, John E..... | " | Wetterer, John..... | " |
| Stone, George N..... | " | Wheatley, Thomas J..... | Crail & Whitaker. |
| Stone, T. B..... | " | Whetstone, Frank L..... | Fourth National Bank. |
| Stone, William..... | " | Whetstone, John L..... | Germania Insurance Co. |
| Straus, Henry..... | Straus & Stern. | Whitaker, J. R..... | Washington Insurance Co. |
| Strietmann, George H..... | Hurley & Strietmann. | White, M. M., <i>Pres't</i> | T. A. Widrig & Co. |
| Strong, Edwin F..... | Strong & Guthrie. | White, Peter A., <i>Pres't</i> | F. N. Wiedemer & Co. |
| Summers, C. L..... | Hill & Summers. | Whitehouse, George F..... | J. Wilder & Co. |
| Swift, Alexander, <i>Pres't</i> .. | Swift's Iron & Steel Works. | Whiteman, J. P., <i>Pres't</i> .. | " |
| Briggs..... | Briggs Swift & Co. | Widrig, T. A..... | " |
| Taft, Charles P., <i>Pres't</i> .. | Cincinnati Times Co. | Wiedemer, Edmund..... | " |
| Taylor, Enoch, <i>Ag't</i> | Great Western Dispatch. | Wiedemer, George..... | " |
| Taylor, George..... | " | Wilder, Josiah..... | " |
| Taylor, S. Lester..... | Taylor & Brother. | Wilkinson, John H..... | " |
| Taylor, William W..... | " | Willer, Henry..... | Wood, Williams & Co. |
| Teepen, Herman..... | E. Morgan & Co. | Williams, Charles E..... | " |
| Tennis, W. H., <i>Fr't Ag't</i> .. | Atlantic & Great Western | Williams, Charles P..... | H. S. Williams & Co. |
| Tharp, Oliver P., <i>Sup't</i> .. | R. R. Co. | Williams, Horace S..... | Cincinnati, Hamilton and |
| Thomas, Alfred C..... | Marine Railway and Dry | Williams, L., <i>Gen'l Sup't</i> .. | Dayton R. R. |
| Thomas, James C..... | Dock Co. | Williamson, Jas. N., <i>Sup't</i> .. | Pittsburgh & Cincinnati |
| Thompson, George, <i>Sup't</i> .. | Fox & Thomas. | Williamson, Jas. A..... | Packet Co. |
| Thompson, John B..... | Cincinnati Fertilizer Co. | Willis, C. W., <i>Gen'l Ag't</i> .. | Ohio & Mississippi Rail- |
| Thoms, Joseph C..... | Briggs Swift & Co. | Wilshire, Geo., <i>Vice-Pres't</i> .. | way Co. |
| " | Beresford & Co. | Wilshire, Joseph W..... | Cincinnati Packing Co. |
| Thompson, M. D..... | F. A. Laidley & Co. | Wilson, B. F..... | Collier, Budd & Co. |
| Thornton, George..... | " | Wilson, E. P., <i>Gen'l Pas-</i> | Cincinnati Railroad Co. |
| Thornton, William S..... | " | <i>senger and Freight Ag't</i> .. | Wilson, Eggleston & Co. |
| Thrall, William R..... | " | Wilson, Frank W..... | " |
| Tompkins, Garretson..... | " | Wilson, James B..... | W. H. Bryan & Winans. |
| Townley, Edward A..... | Eureka Insurance Co. | Winans, B. F..... | C. Windisch, Muhlhauser |
| Townley, Ed. E., <i>Sec'y</i> | Commercial Insurance Co. | Windisch, Conrad..... | & Bro. |
| Townley, J. A., <i>Pres't</i> .. | Traber & Aubrey. | Winslow, Aubrey..... | Ashland Coal Co. |
| Traber, Jacob..... | John Church & Co. | Winslow, Howard S., <i>Ag't</i> .. | Cincinnati Railroad Co. |
| Trevor, John B..... | Tudor Boiler Manuf'g Co. | Wirth, Jacob, <i>Vice-Pres't</i> .. | N. Wirthlin & Co. |
| Tudor, Richard, <i>Treas't</i> .. | " | Wirthlin, Nicholas..... | Parker, Wise & Co. |
| Tudor, William, <i>Pres't</i> .. | South Shore Line. | Wise, James S..... | " |
| Tumy, A. C., <i>Ag't</i> | Tweed & Andrews. | Woesten, John..... | N. Wolff & Co. |
| Tweed, John P..... | National Insurance Co. | Wolff, Nicholas..... | Adolph Wood & Co. |
| Urner, Henry C., <i>Sec'y</i> | " | Wood, Adolph..... | Wood, Williams & Co. |
| Ulrich, Augustus C..... | " | Wood, Albert G..... | Chatfield & Woods. |
| Van Bibber, O..... | J. W. Van Leunen & Co. | Woods, John S..... | " |
| Van Leunen, Joseph W..... | " | Woods, William..... | Woods & Conahan. |
| Van Leunen, Peter..... | Lawrence & Vance. | Woods, William H..... | " |
| Vance, John P..... | " | Woolley, Charles W..... | F. Rauh & Co. |
| Verhage, Henry..... | DeBoor & Von Bargen. | Workum, David J..... | Freiberg & Workum. |
| Vogel, Jacob..... | D. Hoppe & Co. | Workum, Levi J..... | Weller & Worth. |
| Von Bargen, O..... | J. Walker & Co. | Worth, William E..... | A. S. Wrenn & Sons. |
| Vonderhage, G. H..... | " | Wrenn, A. S..... | " |
| Walker, Archibald..... | " | Wrenn, Charles L..... | " |
| Walker, William..... | " | Wrenn, Thomas A..... | " |
| Wallace, Samuel..... | Wallingford & Loudon. | Wuiftange, Frank..... | Dorsel & Wuiftange. |
| Wallingford, J. M..... | Walsh & Kellogg. | Wust, Charles H..... | C. H. Wust & Co. |
| Walsh, James..... | M. Bare & Co. | Yergason, H. C., <i>Cashier</i> .. | Merchants' National Bank. |
| Ward, George W..... | Canal Flour & Feed Mill | Young, Henry C..... | " |
| Warder, R. H..... | Co. | Young, William..... | " |
| Warner, L. E., <i>Ag't</i> | Shelby Iron Co., of Ala. | Zimmerman, Eugene..... | Alex. McDonald & Co. |

HONORARY MEMBERS.

| Names. | When Elected. |
|------------------------|---------------|
| Robert Buchanan..... | 1870 |
| Henry Probasco..... | 1871 |
| Miles Greenwood..... | 1873 |
| David Sinton..... | 1875 |
| Reuben R. Springer.. | 1876 |
| James F. Torrence..... | 1877 |
| George Graham..... | 1878 |
| Charles W. West..... | 1879 |

IN MEMORIAM.

HENRY F. BUSCH, died November 2d, 1878.

HARVEY DECAMP, died November 17th, 1878.

THOMAS F. ECKERT, died December 7th, 1878.

JAMES W. GAFF, died January 23d, 1879.

EDMUND DEXTER, died March 19th, 1879.

ROBERT BUCHANAN, died April 22d, 1879.

KENNER GARRARD, died May 15th, 1879.

THOMAS STREIFF, died May 27th, 1879.

JOHN W. LYSLE, died June 22d, 1879.

JAMES A. FRAZER, died July 22d, 1879.

